

University of Alberta
Alumni Association

Autumn 1987

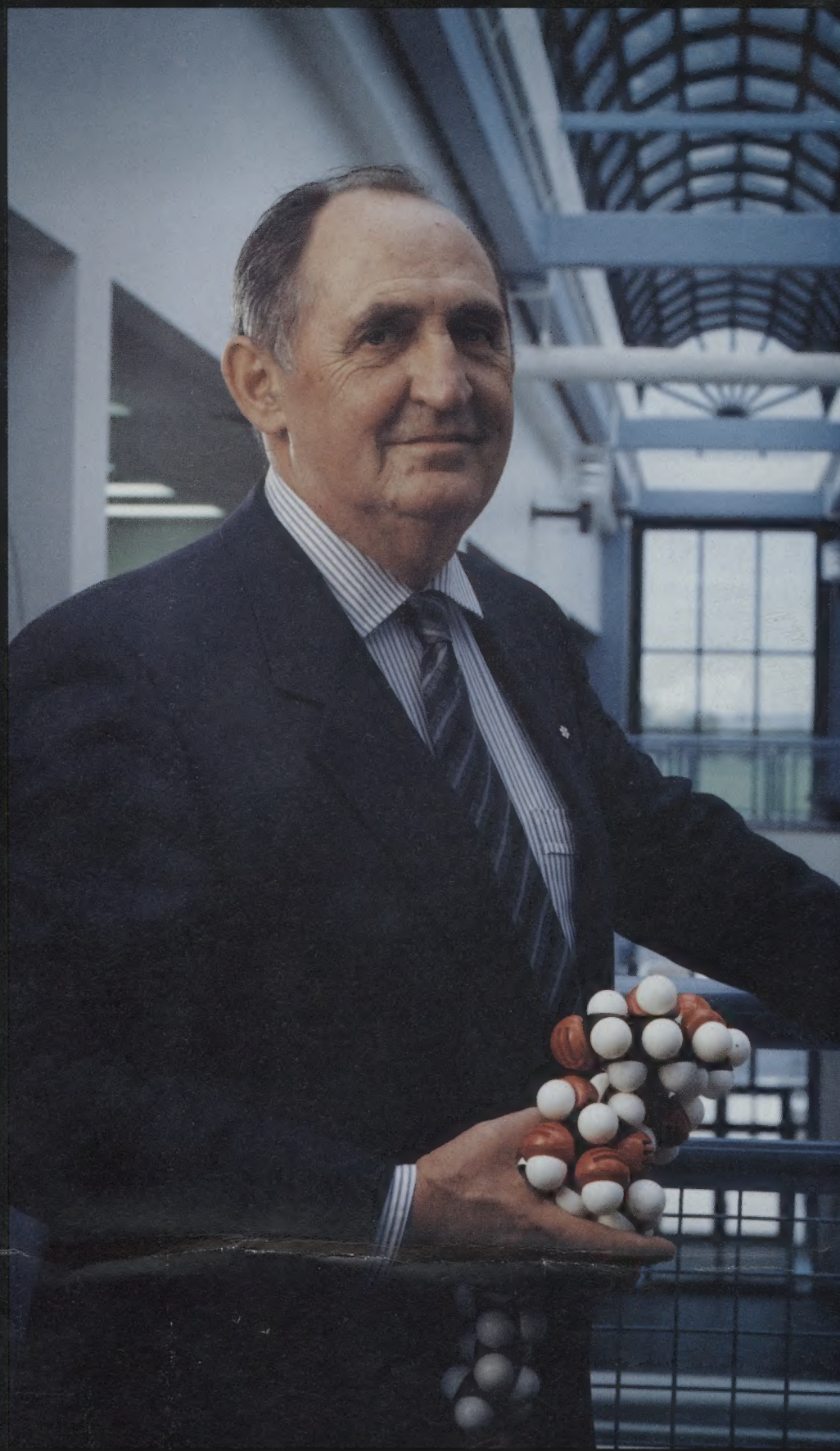
NEW TRAIL

The Success of
Chembiomed

A Celebration
of Extension

A Visit to
Thailand's
Opium Country

Pendergast and
the Basilians at
St. Joe's



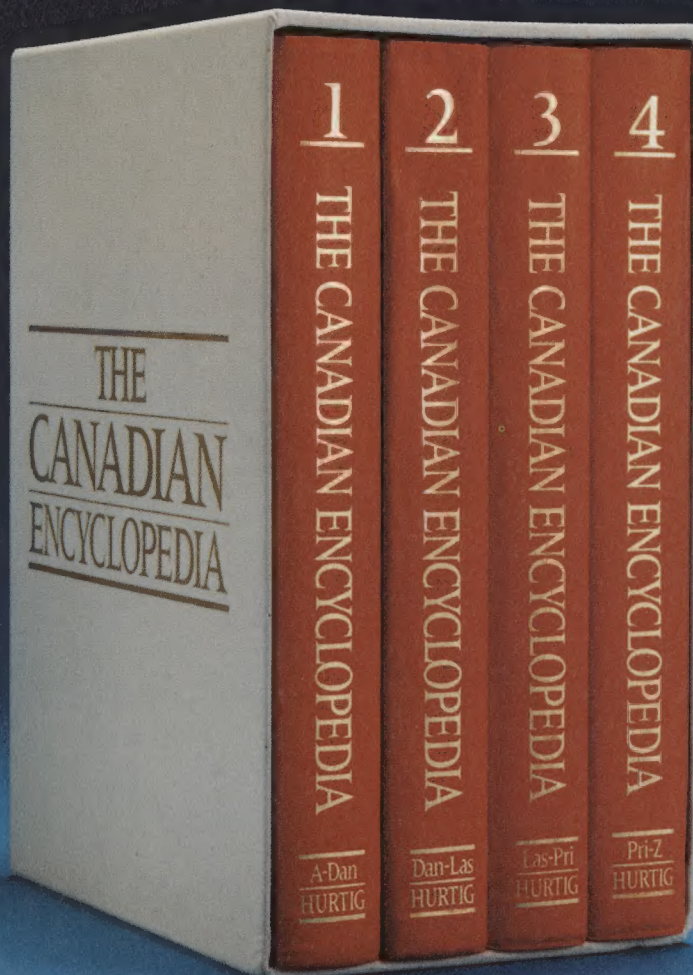
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NEW TRAIL

One of the most embarrassing memories I have of my dozen-plus years on campus (ranking right up there with when *New Trail* came out dated "Summer 1985"—in June 1986) involves the man whose picture appears on this cover, Professor Emeritus of Chemistry Raymond Lemieux.

I was then working for the University's Community Relations Office, and in connection with a display we were preparing, I had arranged to photograph Professor Lemieux. He was most co-operative, posing both in his laboratory and in his office, and I left convinced that I had some great shots. Perhaps I did, or would have, had there been film in the camera.

You can imagine how much I enjoyed having to ask such a busy and distinguished scientist for more of his time because I hadn't put film in the camera. But, as will be no surprise to anyone who knows him, Professor Lemieux was unruffled, accepted my confession with good humor and posed all over again.

Dr. Lemieux, featured in this issue in connection with the company built on his laboratory breakthroughs, is only one example of the

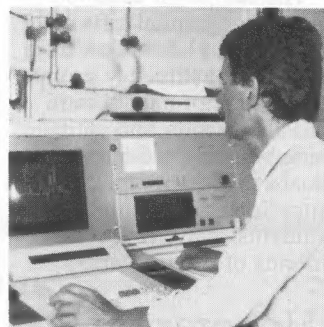
very many U of A alumni who are doing important and interesting things all over the globe.

In this issue we also have items relating to Ambassador Stanley Gooch, author Myrna Kostash, Food Science Professor Buncha Ooraikul and other grads. We enjoy bringing you news of alumni such as these and hope to make that an increased emphasis of *New Trail*.

And you can help us. Let us know about grads who are making their mark in areas of which we might be unaware. We can't promise to include in the magazine all that we receive, but the information you provide will certainly fill out our records and could prove valuable in other ways.

For 1988, we are planning two special issues focussing on major faculties which are celebrating 75th anniversaries: Medicine and Engineering. Naturally, we would particularly welcome hearing about the accomplishments and less-travelled paths of these graduates.

Rick Pilger
Editor



On Biotechnology's Leading Edge 7

The accomplishments of chemist Raymond Lemieux form the basis for the success of the University's Chembiomed Ltd.

Along the Opium Trail 16

At the request of the Alberta government, Buncha Ooraikul visited the remote opium growing regions of Thailand.

Taking the University to the People 22

For 75 years the Faculty of Extension has been meeting the special needs of Albertans outside the traditional classroom and laboratory settings.

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Cover

Professor Emeritus of Chemistry Raymond Lemieux stands in the atrium of the building which now houses Chembiomed Ltd., a University-owned company resulting from his award-winning work.

Cover photo by John Cuyler of Hill and Anderson Professional Photography, Edmonton



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Project Leadership Calls

By the end of next year, more than 80,000 alumni will have received a phone call from campus.

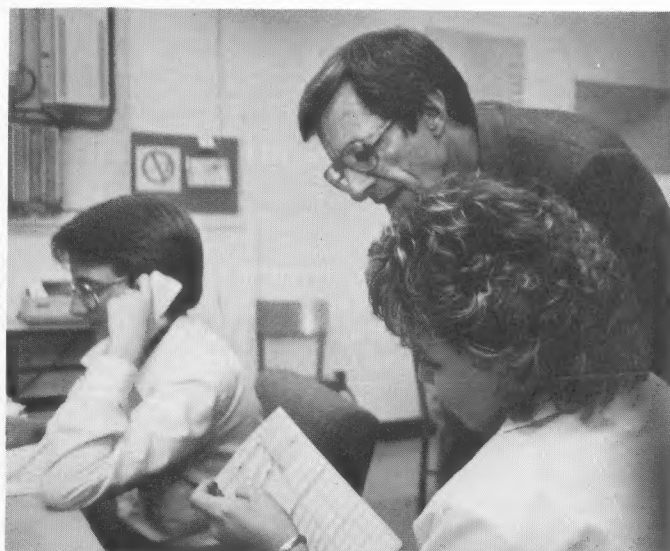
At the campus end of these phone calls are students who are dialling from Project Leadership's phone/mail project office in the Athabasca Hall Annex. The students are hoping to increase alumni participation in annual giving by soliciting either one-time gifts to the University or pledges over the four-year campaign period.

The students began calling the alumni in chronological order by year of graduation in early June 1987, and in just over two months had raised \$500,000 in gifts and pledges.

Among the recent visitors to the students in the project office were University President Horowitz, who told the student callers that "for that brief time when you speak to an alumnus or alumna, you are the University," and a former Alberta treasurer, Lou Hyndman, '56 BA, '59 LLB.

In May it was announced that Mr Hyndman had

Chairman Hyndman visits the phone/mail office.



accepted the position of chairman of the University's Project Leadership annual fund campaign.

The campaign aims to encourage annual gifts of more than \$1.5 million from a broad constituency group, including not only alumni but also faculty and staff, members of the Senate and Board of Governors, suppliers, graduating students, parents and other friends of the University.

Honorary Degrees Commemorated

Among the record number of degrees awarded during the University's 1987 Spring Convocation, were ten degrees awarded *honoris causa* in recognition of significant contributions to society.

A measure introduced by the University of Alberta Senate this year not only commemorates the awarding of these honorary degrees but will assist the Library. Realizing that there is now a greater-than-ever-need to make special contributions to the University's library collection, the Senate voted to commemorate the awarding of each honorary degree through the presentation to the Library of a rare book inscribed with

the name of the honorary degree recipient.

Earlier this year the Senate purchased 14 books, 10 of which were presented in June and four for presentation at fall convocation in November. All are rare; some are first editions dating as far back as 1517 and 1547. The oldest work in the collection is *De Herbis et Plantis. De animalibus et Reptilibus* . . . , considered a landmark work in botany and zoology, one of the most important early herbals. Another rare item is John Bunyan's *The Holy War*, published in 1682. This is a first edition of one of Bunyan's key religious novels and an important addition to the University's Bunyan collection—the only one of its kind in the country.

Among the ten individuals conferred honorary degrees at Spring Convocation were five U of A alumni: Peter Savaryn, '55 BA, '56 LLB, an Edmonton lawyer and former U of A chancellor; Margaret Andrekson, '49 BA, who is very active in Edmonton community life, having held numerous offices in cultural and service organizations; Ivan Head, '51 BA, '52 LLB, president of the International Development Research Centre and former special assistant to Prime Minister Pierre Trudeau; A. Ernest Pallister, '48 BSc, one of the early pioneers in the Alberta geophysical industry and "Oilman of the Year" in 1970; and John Poole, '37 BSc(Eng), a founder of Poole Construction Ltd. and of Oxford Development Group, a leading Canadian commercial development firm.

Other honorary degrees went to politician Jean Chretien; music educator to the blind, Ann Burrows; Japanese educator and benefactor to the U of A, Shizu Kurimoto; former Alberta minister of culture Horst Schmid; and South African scholar Phillip Tobias.

In all, more than 4,400 persons received degrees during the five days of Spring Convocation 1987.

New V-P Appointed

C. Robert James has been appointed the University's vice-president (research) for a five-year term which commenced in July.



C.R. James

Prior to his appointment, Dr. James was chairman of the department of electrical engineering on campus. During his tenure as chairman, which began in 1974, the department grew markedly in both faculty and students and is now the second largest electrical engineering department in Canada. Dr. James worked to build the department's capabilities in close relation to the electrical engineering needs of industry in Alberta and participated in the establishment of a number of centres on campus, including the Alberta Microelectronics Centre, the Alberta Laser Institute, the Alberta Telecommunications Research Centre, and the University CAD/CAM Centre.

Dr. James joined the University's electrical engineering department in 1965 after receiving baccalaureate and graduate degrees from the University of British Columbia. In his new position he succeeds the University's first vice-president (research), Dr.

J. Gordin Kaplan, who will take a year's administrative leave and then divide his time between research and lecturing at several universities around the world.

Women Feted by Extension

As part of its 75th Anniversary celebrations, the Faculty of Extension is sponsoring a "Tribute to Women."

At the event, scheduled for Friday, September 25, *Prairie Women*, a documentary film about farm women and co-operative action, will be screened and representatives of the women of the Faculty of Extension will be honored.

The screening is co-sponsored by the National Film Board of Canada and film-maker Barbara Evans will be in attendance. Activities commence at 7:30 p.m. in Room 2-115, Education North on campus.

Friends Support University

Forty-one years ago, a talented young medical student from Wainwright, Alberta was delighted—and a little surprised—to receive an award of \$100 from the Friends of the University of Alberta.

That young man was Lionel McLeod; 23 years later he was dean of medicine at the University of Calgary, and in 1981 he was appointed president of the Alberta Heritage Foundation for Medical Research.

Earlier this year, Dr. McLeod was the invited speaker at the Friends annual dinner. And before he went on to give the more than 100 people present a thumbnail sketch of the AHFMR, Dr. McLeod let the friends know that their award was among those he

valued most.

The Friends of the University of Alberta was formed in 1943 to help the University in a number of ways and to provide a focus for activities on behalf of the University. These activities include sponsoring public lectures—most notably the Tory Lectures—and donating money for

scholarships and bursaries or other worthy projects. In addition, each year the Friends make a presentation of books to the University Library in honor of retiring members of the academic staff.

The Friends have no membership dues (however, an annual contribution of at least \$25 is expected and

gratefully acknowledged), no categories of membership, and no regular meetings apart from the annual dinner meeting.

Anyone with an interest in the University is welcome to join. More information can be obtained from the secretary-treasurer, Muriel Whitaker of the department of English; phone 432-4624.

Around and About

■ From August 27 through to October 4, 1987 the campus Ring House Gallery will feature the photography exhibit *Structured Paradise: A National Park Experience*. In the exhibit photographers Douglas Curran and Michael Mitchell turn their cameras to Banff National Park not to maintain the "wilderness myth" but to witness the human presence. What they reveal is complex, but leavened with quiet humor.

■ Weather forecasters get their training in a tough post-graduate course that only a few survive, so the University's meteorology division can be justifiably proud that seven of the survivors of the recent national Meteorologist Operational Course (8) were U of A grads. About 40 students began the difficult seven-month course, only 15 successfully completed it.

■ Although the Canadian International Development Agency doesn't usually fund teaching projects, a recent exception was the \$684,000 grant (over four years) made to the Faculty of Medicine's project in Cameroon. The project, which aims to improve the over-all health of the people of Cameroon, was set up last year in co-operation with the University of Yaoundé in that nation.

■ At the Second Biannual Conference of the International Society of Theoretical Psychology, held in Banff in April, U of A Professors William J. Baker and L.P. Mos were elected the Society's president and secretary respectively.

■ When Ann Burrows received her honorary Doctor of Laws degree at Spring Convocation

"in recognition of her expertise in music, her insight in teaching, and her vision for the development of a music program for the blind," she received a reversible document. Attached to the back of the traditional parchment was a transparent plastic overlay giving the citation in Braille.

■ All three winners of this year's \$25,000 Haultain Prizes have U of A connections. This year's winners of the prizes which are awarded annually by the Province of Alberta for outstanding contributions in applied or performing arts, social or physical sciences, and education or humanities, went to Professor Emeritus of Music Violet Archer, Civil Engineering Professor Norbert Morgenstern, and alumnus Steve Ramsankar, '61 BSc, '63 BEd, who is principal of Alex Taylor Elementary School, Edmonton.

■ The Mary Alice Scott Book Prize, named in memory of a former U of A librarian and awarded annually by the Association of Professional Librarians of the U of A, was this year awarded to Library Science student Anne McGillivray.

■ With the help of a \$5,000 donation from the Northern Alberta Children's Hospital Foundation—the first grant ever issued by the Foundation—researchers in the department of pediatrics will attempt to determine why children with physical or mental handicaps, or both, seldom achieve their highest potential under the current health care system.

■ Roy Berg, dean of Agriculture and Forestry, is the first recipient of the Canadian Beef

Cattle Performance Award in the category of outstanding performance contributor.

■ Wolfgang Schneider of the department of biochemistry is the 1987 recipient of the Gabor Szasz Prize. Awarded every other year, it is the highest award for scientific achievement given by the German Society for Clinical Chemistry.

■ Medical graduate student Catherine Field is the winner of a prestigious research award from the Federation of American Societies of Experimental Biology—only the second time that a student from a Canadian university has been so honored. The award was based on her study which showed that insulin functions in rats could be altered by a diet high in poly-unsaturated fats.

■ A renowned specialist in plant molecular genetics, Aladar Szalay, recently assumed the University's new Research Chair in Plant Biotechnology, established with a \$250,000 grant from Canadian Pacific Ltd. and matching support from Alberta Agriculture.

■ English Professor Rudy Wiebe was awarded the Lorne Pierce Medal by the Royal Society of Canada at the Society's 1987 annual meeting in Hamilton.

■ Michael Nosko of the department of surgery received the 1986 Academy Award of the American Academy of Neurological Surgery for a research paper related to clot removal. His colleague, Lew Disney, received the Resident's Award of the 1987 Congress of Neurological Surgeons for a paper involving the treatment of a poor grade aneurysm patient with nimodipine.



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Nothing about the appearance of the device hints that it is a high-point in biotechnology. It looks extremely simple, rather like one of those bulging in-line fuel filters—the clear plastic type—designed for installation in an automobile. Except this filter—and indeed it is essentially a filter—is somewhat larger and contains a fine sand. Because of this seeming simplicity, it comes as a surprise that the device, manufactured in Edmonton by a company wholly-owned by the University of Alberta, represents a fundamental advance in organ transplantation technology.

While human organ transplantation has not altogether lost its capacity to generate headlines, it is now routine medical practice. Kidney transplantation, in particular, has become an everyday occurrence, and it is in this application and in bone marrow transplantation that the new product with the trade name Biosynsorb has been rigorously tested. It has been used on an experimental basis in more than 180 transplant procedures with complete success—even though in each case donor and recipient were of “incompatible” blood types.

Before Biosynsorb, the experience of organ transplantation had pointed to the paramount importance of donor-recipient compatibility to minimize rejection of donated organs. Compatibility was sought in two distinct areas: blood type and tissue type. Experience had shown that if there was incompatibility in either regard the immune system of the recipient would immediately identify the transplanted organ as “non-self” and marshal an unrelenting attack upon it, bent on its total destruction. But that was before Biosynsorb, which does away with the need for blood-type compatibility between donors and recipients with closely matching tissue types.

Biosynsorb is used in a procedure known as extracorporeal immunoadsorption. Once a day for three days prior to a transplant, the recipient's blood is pumped through the Biosynsorb cartridge to remove the specific antibodies capable of recognizing as foreign the distinctive cells (antigens) of the organ donor's blood type and triggering an immune system attack. The recipient's blood may also be filtered after the surgery to keep the antibody level low until the new organ becomes accepted as “self”.

Biosynsorb was developed using the world-leading expertise in the synthesis of biologically active carbohydrates in quantity, particularly human blood group antigens, of Chembiomed Ltd. of Edmonton. Bonded to the silica beads (which have the appearance of fine sand) in the Biosynsorb cartridge are

On Biotechnology's Leading Edge



Above: The blood of a patient who will soon receive a transplant is pumped through Biosynsorb.

chemically synthesized antigens identical to those which characterize the blood of the organ donor. When the recipient's blood is circulated through the cartridge, the antigen on the beads attracts the corresponding antibodies; these lock to the antigen and are thus removed from the bloodstream. After about three hours of circulation through the Biosynsorb device, the patient's blood is virtually free from those antibodies which could prove harmful to the transplanted organ.

Biosynsorb is expected to receive final approval from the U.S. Food and Drug Administration next year, opening the way for its routine use in a number of transplant procedures. In addition, Chembiomed scientists are hard at work on modifications to increase Biosynsorb's speed of action, which would re-

Chembiomed Ltd. is breaking ground in the business of biotechnology.

By Rick Pilger



Above: Researcher Heather Good, who works in Chembiomed's biological research division (there is a separate chemical division), is part of the company's major emphasis on research and development.

Below: Professor Lemieux uses a model to point out the distinctive features of the human A blood group antigen. With him are Chembiomed President Hal Hutchings (left) and Operations V-P Jack Cuyler (right).

sult in a product suitable for employment in transplants involving the heart, liver, lung and pancreas—procedures which do not typically permit extensive advance preparation.

It is estimated that in the long-term Biosynsorb has the potential to save at least 1,500 lives each year in the markets of North America, Western Europe and Japan now served by Chembiomed. It will enable people to receive organs previously unavailable to them and to go on and live normal, productive lives.

Until July of this year Chembiomed President and Chief Executive Officer Hal Hutchings and his administrative staff could look from their offices on the top floor of the Campus Tower apartment high-rise and enjoy a spectacular view of the University campus, the river valley, and the city beyond. Included in the panorama was the University's Chemistry Centre where Chembiomed's cramped production facilities were located. Closer to the administrative offices, but out of view, were the company's research and development laboratories in the Newton Research Building (the new name of the campus building which formerly housed the Alberta Research Council).

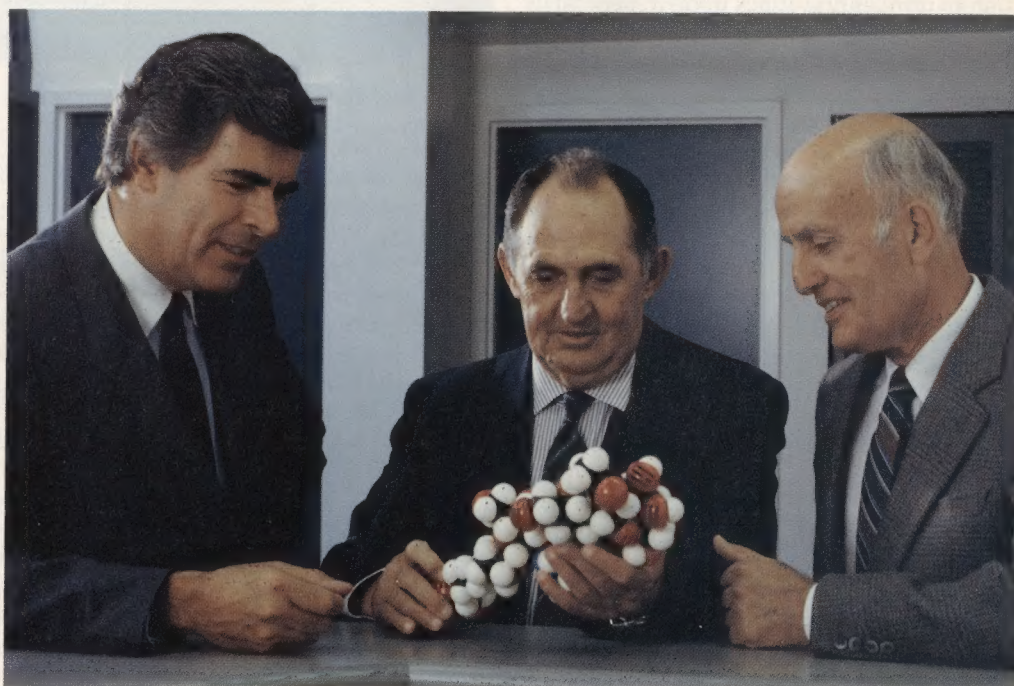
Jack Cuyler, a member of the University's 1946 chemical engineering class, was among those who took part in the biotechnology firm's recent move from its scattered quarters on and around campus to its own new building in the Edmonton Research and Development Park. Cuyler, who also has an MBA degree from Harvard University, is Chembiomed's senior vice-president, operations,

and he reckons the coming down to earth of his view as a small loss against having the company consolidated under one roof with—at last—adequate space.

Chembiomed Ltd. was created by the University of Alberta Board of Governors in 1977 in a pioneering move to capitalize on the laboratory achievements of another University of Alberta graduate, chemist Raymond Lemieux. The company now employs 65 people, more than half of whom are involved in research and development. Despite this extraordinary commitment to research, three years ago a comprehensive study of the 300-odd biotechnology companies launched in North America in the previous decade placed Chembiomed solidly in the top ranks. On the basis of sales per employee it ranked number one, and on the basis of over-all sales it ranked in the top ten. At that time, its total sales approached \$1 million. Sales for the current year are anticipated to slightly exceed \$2.5 million.

Chembiomed's success relates to its unique ability to produce biologically-active carbohydrates in large amounts, explains Cuyler. "There is literally no other company that can make complex chemicals in quantity," he says. Emphasis is upon the very complicated compounds that exist on the surface of the living cell, in particular those that are involved in the reactions of the immune system.

Chembiomed was the first company in the world to market monoclonal antibody-based blood typing reagents, obtaining four of the first five licenses issued by the U.S. FDA for sale of these products. Specific reagents were developed for A, B, AB and Lewis A and



Photos by Hill and Anderson Professional Photography

Lewis B blood types and Chembiomed continues to be the only supplier of the Lewis types.

The blood typing reagents, used to determine donor blood type, are now the bread and butter of the Chembiomed product line and there still exists tremendous potential for growth. Blood banks around the world use two drops of reagent for each test of blood type—in excess of 30,000 litres annually world-wide. The traditional source of this reagent has been human donors who have been injected with antigens (in some cases derived from pigs' or horses' stomachs) to promote the production of antibodies. Not the least of the advantages of the synthetic product is that it is chemically pure, uncontaminated by the many other antibodies present in human blood.

Chembiomed's seminal product was Synsorb, a powder with the ability to remove blood group antibodies from blood fractions—products resulting from the fractionating of whole blood into its components. The removal of these antibodies greatly reduces the incidence of side effects for those people, such as hemophiliacs, who use large quantities of these fractions. Synsorb is still an important Chembiomed product and, in many respects, Biosynsorb, which promises to become the new star of the company's product line, is simply Synsorb taken a generation further and given new applications.

The research and development specialists at Chembiomed have a number of other products with implications for the treatment and diagnosis of a variety of diseases approaching market readiness. These range from some exciting new materials for cancer diagnostics and therapeutics to a diagnostic kit for a widespread and highly contagious cattle disease.

Raymond Lemieux is now a professor emeritus of chemistry at the University of Alberta. However, despite his official retirement, he continues to spend almost 40 hours per week in his campus laboratory, where he works (without salary) on projects supported by the Alberta Heritage Foundation for Medical Research and NSERC. When he's not pursuing a new idea in carbohydrate chemistry, Lemieux is likely to be deciding which speaking engagements to accept from among the many requests he receives from around the world.

In response to a query about this rather unorthodox retirement, Lemieux recently told an interviewer that he has always enjoyed his work and some of his projects are not yet finished. And he added, "I've golfed

and I've fished and after a week of golfing it's work, and after a week of fishing it's work, so I might as well go to the lab and do something useful."

Over the course of a 40-year career in chemistry, Lemieux has done a great many useful things in his lab, things that have earned him virtually every major award available to a chemist, short of the Nobel Prize—and even that is not out of the question. Earlier this year in a Toronto Globe and Mail article which followed the awarding of the Nobel Prize to University of Toronto professor John Polanyi, a spokesman for the Natural Sciences and Engineering Research Council offered the opinion that it "has always been a toss-up whether Polanyi or Ray Lemieux in Alberta would be the first to get a Nobel."

Lemieux was born in Lac la Biche, Alberta in 1920. A year earlier, having felt the devastation of successive fires which originated in the surrounding bush, his family had left their nearby homestead and they later moved to Edmonton, where Lemieux, always a good student and a good athlete, grew up. Had he been of a more robust size, Lemieux might well have pursued the hockey career he dreamed about, but it was his interest in science that was to provide the basis for his success. In 1943 he gained a Bachelor of Science degree with honors in chemistry from the University of Alberta and then continued his studies at McGill University, where he received his doctorate in 1946. He then did post-graduate research at Ohio State University.

It was at Ohio State that Lemieux achieved the first landmark of his distinguished career when he helped determine the structure of the antibiotic streptomycin. Then in 1953, while in the employ of the Prairie Regional Laboratory of the National Research Council of Canada, he amazed the scientific world by his synthesis of sucrose—common table sugar. For more than 100 years the giants of chemistry had attempted this "Mount Everest of organic chemistry," but it was the young NRC chemist from Saskatoon, Saskatchewan who was first to scale that lofty peak.

From Saskatoon, Lemieux went to the University of Ottawa, where he served as chairman of the chemistry department and vice-dean of the newly-formed Faculty of Pure and Applied Science. During his Ottawa tenure, Lemieux did pioneering work involving the use of nuclear magnetic resonance spectroscopy to provide insight into the structure and nature of various carbohydrate molecules. In 1961 he returned to the

Three years ago a comprehensive study of the 300-odd biotechnology companies launched in North America in the previous decade placed Chembiomed solidly in the top ranks.



Above: Vivian Halajcio, supervisor of biological production, uses a sterile chamber for a cell culture operation.



Above: Filtration of blood grouping reagents is done under sterile conditions to avoid contamination.

Below Right: Biological researcher Dave Wregget experiments with Synsorb A.

Chembiomed Ltd. is the direct result of Lemieux's ground-breaking work with blood group antigens and his strong beliefs that leading-edge scientific accomplishments have payoffs and that there is a vital need in Canada to develop more entrepreneurial and high technology industry.

University of Alberta as a professor of organic chemistry. He continued to find imaginative ways to determine the conformations and structures of complex carbohydrates and gradually his interest began to centre on the synthesis of biologically important oligosaccharide structures, especially the structures of the human blood group determinants.

Chembiomed Ltd. is the direct result of Lemieux's ground-breaking work with blood group antigens and his strong beliefs that leading-edge scientific accomplishments have payoffs and that there is a vital need in Canada to develop more entrepreneurial and high technology industry. He has long been an advocate of more science-based, home-owned industries in Canada, and in the 1960s he founded R & L Molecular Research Ltd. and Raylo Chemicals Ltd. to undertake orders for custom-made chemicals and contract research. (Both companies were later sold to the Canada Development Corporation.)

Chembiomed had its genesis in 1977 when Lemieux refused to see his discovery of immunoabsorbents (to which he later gave the name Synsorb) exploited elsewhere. Instead, with the strong support of then-President Harry Gunning, the University was persuaded to keep the patent and form its first wholly-owned company. Chembiomed was also the first high-tech company to obtain Alberta government help—initially a \$2 million loan guarantee.

Lemieux gave his support to the fledgling company in a variety of ways and remains its principal consultant. He is also an honorary director of the company and a member of its advisory board of eminent scientists from around the world.

The move to its new 6,000-square-metre facility marks the beginning of a new era for Chembiomed and Operations V-P Cuyler believes that the company has "a very strong future." The Alberta government obviously shares his optimism. Not only did it guarantee the \$12.5-million debenture issue (wholly subscribed to by Sun Life) which permitted construction of the new facility, but in 1986 it committed itself to investing another \$30 million over five years in preferred shares. At that time, the Honorable Les Young, Alberta's minister of technology, research and telecommunications, articulated the government's view of the company: "We see Chembiomed as an integral part of the province's growth in the multi-million dollar pharmaceutical industry." He also described the company as "an illustration of an environment in which quality jobs will be available to young people in this province."

Chembiomed's five-year business plan, which Cuyler helped develop, anticipates the hiring of additional staff to bring the total number of employees to 80 by mid-1988 and to 115 five years later. Throughout, the equal split between research and development and other jobs will be preserved. And somewhere in that five-year period, it is anticipated that Chembiomed shares will be sold to the public, says Cuyler.

Ray Lemieux looks forward to that day. "It would be hard for Chembiomed to remain a viable growth company in its present form," he says, pointing to the opportunity to attract and motivate employees through share option programs and the ability to undertake more expensive projects as examples of the benefits that would accrue. And he is confident that, given the chance, Albertans will be willing to invest in Chembiomed and the very sophisticated industry that it represents. He's counting on Albertans being smart enough to realize that "there's no free lunch"—that if the



province is going to develop a base in high technology "we have to do it in Alberta with our own money."

For Lemieux, Chembiomed represents a significant step towards providing an important parameter that has been missing for the province and the University: "The investment by Albertans in their universities cannot be truly meaningful in the absence of up-to-date, sophisticated industry in the province." And he is not only thinking of opportunities for graduates but has an even more basic concern. "Without such industry," he says, "universities are not likely to know world standards and develop accordingly." ■

A Quarter Century at St. Joe's

By Rev. P.W. Platt

Should you happen to mention to someone that you are from St. Joseph's College, the question immediately comes back, "Oh, and do you know Father Pendergast." This is precisely what happened to me some years ago, shortly after my arrival here, when I met a youngish-looking young man at a reception downtown. I answered that indeed, I *did* know Father Pendergast, and said he was flourishing. "Were you his student?" I went on to inquire. "No, I just met him once in the library, 20 years

ago. I was new to the University, and he helped me find the book on economics I was looking for. I have never forgotten him."

This is typical of the impression Father Pendergast has had on students and faculty and administration of the University since his coming here 24 years ago. That was when the College passed from the direction of the Christian Brothers, who had founded it, funded it and guided it at considerable sacrifice for 37 years. In 1963, Father Dore came as the new rector, and Father Russ Pendergast as bursar. St. Joe's has not been the same since.

This year, the quarter century of the presence of the Basilian Fathers at the U

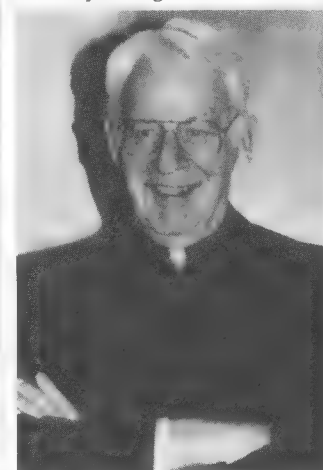
of A is rounded off, and Father Pendergast becomes Professor Emeritus. He continues to vitalize, amuse, counsel and characterize St. Joe's and many other parts of the campus. He has seen a good deal of development of the College during these years, and he himself has been responsible for most of it, even though he has never taught a course at St. Joe's. He points out that the enlarged academic scope and influence of the College is probably the most striking thing that has taken place: from two courses in 1963 to 39 in 1987, and from 54 students in 1963 to some 1500 in 1987.

Russ Pendergast believes that an affiliated college in a large university should be a place of learning, a place of friendship, and a place of welcome. The tradition of St. Joe's, he says, has been such; and, though he would not be the one to say it, it is in these things that his talents and tendencies lie. . . in spades. Go down the main hall of the College almost any time, and you'll find his door open, the desk impressively cluttered, the jelly-bean collection on the bookshelf, and the man in the red-striped shirt, with the white mane and ruddy face, pouring over the Financial Times or a PhD thesis.

Interrupt him, and his time is yours. You will perceive his love of people, his spontaneous service, a wit as colorful as it is sharp, and a keen, optimistic evaluation of life: a kind of homespun prophet, seeing things as they are, suggesting how they should be, and making you laugh even while you know you are hearing a wise man.

Dr. Russell Pendergast—though you rarely hear him referred to in this way—has been a member of the department of economics since he came to the University. He has, over the years, served on many committees and been

part of many projects at the University. He has been consulted locally and nationally on matters financial. But his heart is really in the classroom, where his enthusiasm for teaching and his interest in his students remain undimmed. His talent and service in this area were suitably recognized two



Father Pendergast.

years ago when he received the Rutherford Award for Excellence in Undergraduate Teaching.

Some years ago, a student who was in the habit of going to listen to a sample lecture of a professor before she signed up heard Father Pendergast and knew she wanted to take his course. To her dismay she found that it was full. Thinking she would try anyway, she approached him: "Dr. Pendergast, I know your course is full, but I would *really* like to take it. Is there any way . . .?"

"Sweetheart," came the gracious reply, "you'll get in this course if we have to take down the walls." And she got in, needless to say.

The spirit and the calling of St. Joseph's College is embodied in Father Russell Pendergast. He also personifies the meaning of affiliation: respect, richness of learning, and the making of something great.

Father Platt is the principal of St. Joseph's College.

1987 Class Reunions

The Alumni Association is happy to assist individual classes in organizing special events during Homecoming (September 25-27, 1987) or reunions at times other than Homecoming. The following classes are currently planning reunions for the coming year:

CLASS/PLACE/DATE/CONTACT

- '37 Home Economics Edmonton/September 25-27/Helen Clark
- '37 Medicine Calgary/September 17/Dr M Olav Rostrup
- '47 Home Economics Edmonton/September 25-27/Lorna Connolly
- '45,'46,'47 Commerce Edmonton/September 25-27/R I Milner
- '52 Agriculture Edmonton/September 25-27/Hugh Campbell
- '52 Civil Eng Edmonton/September 25-27/A W Peterson
- '57 (Sept) UAH Nursing Edmonton/ September 25-27/M Carmichael
- '62 Agriculture Edmonton/September 25-27/Dr Robert Church
- '62 Civil Engineering Edmonton/September 25-27/Zen Moisey
- '62 Dentistry Banff/June 29-30/Dr Ken Glover
- '62 Home Economics Edmonton/September 25-27/Ferne Putnam
- '62 Law Edmonton/September 25-27/Harold Veale
- '62 Mechanical Eng Edmonton/September 25-27/Wally Germaniuk
- '62 Mining & Met Eng Edmonton/September 25-27/Art McMullen
- '62 Physical Education Edmonton/September 25-27/J Hancheruk
- '62 (Sept) UAH Nursing Calgary/September 18-20/J Mellanby
- '62 Medicine Calgary/September 17/Dr J McCaffery
- '62 Students' Council Edmonton/September 25-27/P Hyndman
- '67 Civil Eng Edmonton/September 25-27/Ronald French
- '67 Pharmacy Edmonton/September 25-27/Brian Boyd
- '67 UAH Nursing Edmonton/October 24-25/Maureen Arndt
- '72 Physiotherapy Edmonton/September 18-20/Wendy Brook
- '77 Mineral Eng Edmonton/September 25-27/Bernie Goruk
- '77 BSc Nursing Edmonton/September 25-27/Maya Charlebois
- '77 Electrical Eng Edmonton/September 25-27/Jim Mahannah
- '77 Mechanical Eng Date and Location TBA/Walter Adolph
- '80 Civil Eng Calgary/September 5/Mark Timler

Some locations and dates are tentative. Should you require information on the reunions noted, or if you wish to organize a reunion for a class not listed, please contact the Office of Alumni Affairs.

Homecoming Just Around the Corner

The weekend of September 25 to 27, 1987 is Homecoming time at the University of Alberta—and it's almost here!

All the preparations have been completed and the registrations are pouring in. With a record number of reunions scheduled to be held at this year's Homecoming, attendance is expected to exceed last year's mark at all events.

For those who've yet to register, or require further information on any of the events, consult your Summer '87 edition of *New Trail* or contact the Alumni Office. The office staff will be pleased to send you the information you require.

Alumni Association Wins CASE Award

The Council for the Advancement and Support of Education—more commonly known as CASE—is an international organization headquartered in Washington, D.C. With more than 2,500 member institutions (mostly universities, colleges and private schools), it serves as a public affairs arm for higher education and offers a variety of programs to help professionals working in the areas of alumni affairs, development and public affairs serve their individual institutions more effectively.

In April, the University of Alberta was chosen as the silver medal winner in CASE's "Alumni Decade Achievement Award" competition.

The award, offered as part of CASE's recognition program, recognized outstanding improvement in

an alumni program from 1980 until 1987. Of all the universities to receive medals in this award category, the University of Alberta was the only Canadian winner. (Top place was shared by Brown University of Providence, Rhode Island and Pan American University in Edinburg, Texas.)

Pharmacy Group Being Established

Working in conjunction with the University of Alberta Alumni Association, the Faculty of Pharmacy and Pharmaceutical Sciences is initiating action to form the constituent body of Pharmacy graduates.

A small working group has been formed and is doing much of the groundwork for the establishment of a Pharmacy Alumni Association. The inaugural meeting of the Pharmacy Alumni Association will take place on September 25, 1987 at the Dentistry/Pharmacy Centre during the Pharmacy Open House being held in conjunction with

Homecoming '87. It is scheduled to begin at 5:00 p.m. in the Faculty's Huston Conference Room.

One reason for taking this action is that there is an increasing need for communication between the Faculty and its graduates, says John Bachynsky, dean of Pharmacy and Pharmaceutical Sciences. "We are particularly aware of the interest in our program changes and in some of our new staff. With the rapid rate of change of our program and the anticipation of even more changes, a formal organization with a newsletter will help us to keep our graduates aware of our progress. A second reason for establishing the association is to seek the assistance of our graduates in providing advice on the Pharmacy program, the role of the Faculty at the University and the relationship of the Faculty to the profession."

The dean says that as the students graduate they often express the wish to keep in touch with their classmates. To facilitate this, the association plans regular meetings at which various classes will have the

opportunity to get together. Currently this type of reunion takes place at the 10-year and 25-year anniversaries. The younger graduates, feeling closer to the Faculty, would like to have the opportunity to meet before these times, says Dr. Bachynsky.

He invites all interested graduates to attend the September open house and become charter members of the Pharmacy Alumni Association. Those unable to attend the open house are invited to write or phone the Faculty.

Branch Meets in England

The inaugural meeting of the Alumni Association's London, England branch was held on May 16, 1987 with more than 100 alumni in attendance.

The graduates met at Alberta House with the Province of Alberta's agent general in the United Kingdom, Mary LeMessurier, as hostess.

At the meeting, John

More than 100 U of A alumni gathered in London recently.



Schlosser, chairman of the Board of Governors of the University of Alberta, brought greetings from Edmonton and discussed the major developments which have occurred at the University in recent years.

Education Association Formed

On May 19, 1987 the Faculty of Education Constituent Alumni Association was formed.

At a meeting held on that day at Barnett House in Edmonton, 56 charter members, all education graduates, voted to accept a constitution and elected the first executive.

Heading that executive are Dr. John Paterson, '56 BEd, president, and Dr. John Acheson, '75 PhD, vice-president. Treasurer is Kathy Briner, '79 BEd, and secretary is Susan Peirce, director of alumni affairs for the University. The new executive is completed by three members to provide liaison from related groups: Trent Bryski, student representative; Dr. Len Stewin, '68 MEd, '69 PhD, faculty representative; and Marilyn Shortt, '71 MEd, alumni representative.

The president and vice-president will serve two-year terms; Miss Peirce's position is ex officio; and each of the remaining executive positions carries a one-year term.

More than 200 graduates have already joined the new association by paying their \$10 annual fee, and all graduates who join before September 1, 1987 will have the distinction of becoming charter members of the association.

For further information on the Education Alumni Association, contact: Dr. John Paterson / 1-135 Education North / University of Alberta / Edmonton T6G 2G5.



Alumni Director Peirce.

Director Elected to Posts

Susan Peirce, director of alumni affairs at the University of Alberta, has been chosen chair of the Canadian Council for the Advancement of Education (CCAEE), a professional organization of individuals working in the areas of alumni administration, fund development and public affairs at universities and colleges in Canada.

Her election to the office took place at CCAEE's 1987 annual meeting held in Hull, Quebec in June.

Also at that meeting, Miss Peirce was selected president of the CCAEE's alumni division, the Association of Canadian Alumni Administrators. She will serve in both capacities for a one-year term.

Past Travellers' Reunion Set

Attention all past travellers! A reunion is being planned to coincide with Homecoming '87.

All graduates and their spouses or guests who have travelled on Alumni Association tours are invited to attend the special get-together scheduled for Saturday, September 26. It will take place in the Students' Union Theatre on the second floor of the Students' Union Building on

campus.

Coffee will be served in the lounge area from 10:00 a.m. until 11:00 a.m. and travellers are encouraged to bring their photographs and talk with others who may have travelled on their specific tours. From 11:00 a.m. until 12:00 noon, a slide show on the 1988 travel program will be featured in the theatre. The event is open to all past travellers and is free of charge; however, those planning to attend are encouraged to notify the Alumni Office of their intention.

The slide show itself is open to all alumni, and any graduates interested in taking part in a travel adventure sponsored by the Alumni Association are encouraged to attend.

Korean Ties Extended

Each year an exchange of teachers takes place between Alberta and the Korean province of Kang Won. The Canadians travel to Alberta's Korean sister province to

gain experience in teaching English as a second language; for the Koreans the exchange is a welcome opportunity to improve their English.

The exchange has also played a role in visits to Korea made by approximately 10 U of A professors, including the current dean of the Faculty of Education, Robert Patterson.

In 1984 University of Alberta graduates (numbering about 30) who had returned to Korea formed an organization to provide a welcoming reception for the Albertan exchange teachers and to act as their hosts in Korea.

The president of this Korean alumni branch, Ki-Hyung Hong, '82 PhD, was recently in Edmonton, at which time he met with John Paterson, president of the newly-formed Education Alumni Association. As a result of that meeting, planning is now underway for a formal exchange between the Education Alumni Association and the Korean alumni branch.

YELLOWKNIFE, N.W.T.

Dinner

Friday, 11 September 1987

LOCATION: Yellowknife Inn

GUEST SPEAKER: Associate Chief Justice Tevie Miller
Chancellor, University of Alberta

All alumni are invited to this dinner being held in conjunction with the meeting of the University of Alberta Senate being held in Yellowknife. Watch your mail for further details.

OTTAWA, ONTARIO

Brunch

Sunday, 8 November 1987

GUEST SPEAKER: Dr. Allan Warrack
V-P (Administration), University of Alberta

Watch your mail for further details.

LONDON, ONTARIO

Luncheon

Monday, 9 November 1987

GUEST SPEAKER: Dr. Allan Warrack
V-P (Administration), University of Alberta

Watch your mail for further details.

GRANDE PRAIRIE, ALBERTA

Art Auction

Friday, 23 October 1987

LOCATION: Grande Prairie Regional College

Last year over \$1,400 was raised toward a scholarship for a Grande Prairie resident to attend the University of Alberta. Plan to attend and help us add to the scholarship total. Watch for details in your mail.

CALGARY, ALBERTA

Coffee and Dessert Gathering Monday, 21 September 1987

LOCATION: Calgary Golf & Country Club
50 Avenue SW

TIME: 7:00 p.m.

GUEST SPEAKER: Olympics 88 Representative

ADMISSION: \$6.00 per person

RSVP: (By September 16) Marion Burrus
856 Hillcrest Avenue SW / Calgary T2T 0Y9

Your membership fee of \$10.00 may be included with your payment. Receipts will be issued at the door. Watch for details in your mail.

SASKATOON, SASKATCHEWAN

Reception [Cash Bar/Hors d'oeuvres] Tuesday, 29 September 1987

LOCATION: Bessborough Hotel (Terrace Lounge)
601 Spadina Crescent

TIME: 7:00 to 9:00 p.m.

GUEST SPEAKER: Dr. Allan Warrack
V-P (Administration), University of Alberta
(By September 24) Dr. Ron Hill

RSVP: 129 Columbia Drive / Saskatoon S7K 1E8
Phone: 653-4658

Watch your mail for further details.

REGINA, SASKATCHEWAN

Reception [Cash Bar/Hors d'oeuvres] Wednesday, 30 September 1987

LOCATION: Royal United Services Institute
1660 Elphinstone Street

TIME: 7:30 to 9:30 p.m.

GUEST SPEAKER: Dr. Allan Warrack
V-P (Administration), University of Alberta
(By September 25) Dr. Edward Klopoushak
3634 Wetmore Crescent / Regina S4V 1R3
Phone: 789-6234

Watch your mail for further details.

WHITEHORSE, YUKON

Reception [Cash Bar/Hors d'oeuvres] Thursday, 8 October 1987

LOCATION: Sheffield Hotel

TIME: 7:00 to 9:00 p.m.

RSVP: (By October 5) Karen Symington
20 Blanchard Road / Whitehorse Y1A 4T7

Watch your mail for further details.

LETHBRIDGE, ALBERTA

Reception [Cash Bar/Hors d'oeuvres] Saturday, 17 October 1987

GUEST SPEAKER: Dr. Myer Horowitz
President, University of Alberta

Watch your mail for further details.

MEDICINE HAT, ALBERTA

Dinner

Sunday, 18 October 1987

GUEST SPEAKER: Dr. Myer Horowitz
President, University of Alberta

Watch your mail for further details.

VICTORIA, BRITISH COLUMBIA

'Putting it Together - Underwater' Tuesday, 20 October 1987

LOCATION: Newcome Theatre, Provincial Museum
675 Belleville Street

TIME: 8:00 to 9:15 p.m. — Guest Presentation
9:15 to 10:00 p.m. — Tea and Coffee

ADMISSION: \$2.00 per person (includes refreshments)

Two local divers, using a computer-controlled projector system, will present a collage of dives around Vancouver Island.

ST. JOHN'S, NEWFOUNDLAND

Reception [Cash Bar/Hors d'oeuvres] Thursday, 22 October 1987

LOCATION: Hotel Newfoundland

TIME: 6:00 to 8:00 p.m.

GUEST SPEAKER: Mr. John Schlosser
Chairman, U of A Board of Governors

Watch your mail for further details.

DARTMOUTH, NOVA SCOTIA

Dinner

Saturday, 24 October 1987

LOCATION: Holiday Inn, Dartmouth

TIME: 7:00 p.m.

GUEST SPEAKER: Mr. John Schlosser
Chairman, U of A Board of Governors

ADMISSION: \$20.00 per person
(By October 20 with cheque) Linda Miller

RSVP: Ste 619, 1472 Tower Rd / Halifax B3H 4K8
Phone: 429-7365
or Rita Lajeunesse
1360 Robie Street / Halifax B3H 3E2
Phone: 429-7564

Watch your mail for further details.

WINNIPEG, MANITOBA

Reception [Cash Bar/Hors d'oeuvres] Thursday, 29 October 1987

GUEST SPEAKER: Associate Chief Justice Tevie Miller
Chancellor, University of Alberta

Watch your mail for further details.

TORONTO, ONTARIO

Fall Luncheon & Annual Meeting Sunday, 1 November 1987

LOCATION: Delta Chelsea Inn, 33 Gerrard Street West
College Street Subway Station

TIME: 12:30 p.m. — Reception & Cash Bar
1:30 p.m. — Luncheon
2:30 p.m. — Meeting

GUEST SPEAKER: Associate Chief Justice Tevie Miller
Chancellor, University of Alberta

INFORMATION: Dick Hill, branch president (1-877-3318)
Jessie Heath, registrar (483-8818)

Watch your mail for further details.



Athabasca River, Jasper Alberta
Oil on Canvas / 23.5 X 36 cm

Gisela Felsberg

Gisela Felsberg is a graduate of the Faculty of Extension's certificate program in art and in recent years has instructed drawing and painting in Extension's fine arts program.

A native of Berlin, Germany, she emigrated to Canada in 1953. After spending time on the west coast and in eastern Canada, she came to settle in Alberta permanently in 1961. At that time, she resumed the art education she had begun in Europe. Because she was

raising her children on her own, the evening classes offered by Extension best suited her needs, and she went through the certificate program "from A to Z," she says.

Ms. Felsberg has painted full-time since 1972 and now has a home and studio in the Gold Creek area south of Vilna, Alberta, near the North Saskatchewan River. Her work is included in a number of private and public collections, including those of the Alberta Art Foundation, the Government of Alberta,

Chieftan Developments, Esso Resources, R. Angus Ltd., Shell Canada and Price Waterhouse. In 1982, the Alberta Art Foundation selected her work for inclusion in their European touring exhibition.

Ms. Felsberg is represented in Edmonton by Horizon Art Galleries, which will feature her painting in a show from November 2 to 14, 1987, and in Vancouver by the Grosevenor Gallery.



Along the Opium Trail

By Buncha
Ooraikul, '73 PhD

*A University of Alberta
Professor visits Thailand's
remote opium country.*

Police Major General Chawalit Yodmanee, secretary general of the powerful Narcotics Control Board of Thailand, was quite proud of the Board's new two-storey headquarters in the Din Daeng District of Bangkok. His second-floor office was air-conditioned with a window unit, for he refused to have the whole building cooled by a central system, believing—with good reason—that opulence in an outfit like his would be viewed with suspicion, and he wanted to run a clean operation.

It is simultaneously a blessing and a curse to be connected with narcotics, especially opium, in Thailand. In the past, illicit opium trade was a means to riches for adventurous merchants, army commanders, and police generals.

Northern Thailand forms the south corner of the "Golden Triangle," which has its other corners extending into Burma and Laos, and is a very important region of the country as it is a watershed area from where major rivers flow down to the central plain before emptying into the Gulf of Thailand. It consists of fertile plains and valleys, and thick tropical to subtropical forests interspersed with mountainous areas, especially to the very north where remote and barely accessible mountains are traditional homes to many hilltribes, some of whom bear allegiance to no country. The nomadic habits of these hill people and their accompanying slash-and-burn agricultural practices do great harm. They not only denude mountains, home to rich forests and valuable timber, but also destroy the natural barrier against serious flooding of the central plain, creating a soil erosion problem of enormous proportions.

Many of the hilltribes grow opium for their livelihood. Most plots are small, rarely bigger than a hectare or two, and are well-hidden in the valleys or surrounded by dense forests to escape detection by Thai officials such as those of General Chawalit. The ground must be well prepared for the crop, and since opium takes a lot of nutrients out of the soil, each plot will be used for no more than three to five crops—hence the nomadic nature of the tribes and the continuing slash-and-burn destruction. Part of the opium is for the tribe's own consumption, but most of it is sold or exchanged.

Thailand accounted for as much as 180 tonnes of opium production per year in the 1960s. This has declined to about 40 tonnes since the Thai government started pushing for economic development in the region. It was reported that the opium growers in only three provinces—Chiang Mai, Chiang Rai and Maehongsorn—in 1979-80 numbered as

many as 55,160. They grow opium because the product is compact, practically non-perishable, and always has a ready market. An opium growing family can make as much as \$800 to \$2,000 (U.S.) per year compared to \$100 (U.S.) per year growing more perishable and less saleable food crops which also require a higher investment and labor input.

It takes courage, perseverance and an unrelenting commitment on the part of the government and development personnel to persuade the hill people to replace opium with food crops and animal husbandry. Concentrated effort by the Thai government, international and national organizations, such as His Majesty the King's Hilltribe Development Foundation, has gained some headway, but much more remains to be done.

In 1985, with the thrust towards greater economic co-operation with the Pacific Rim regions, the Alberta government through the ministry of international trade became interested in participating in the crop replacement programs for the hilltribes. I was asked to make a trip to Thailand to see firsthand what was actually happening. General Yodmanee and Mr. Vikrom Koovacharachareon, general manager of V&K Enterprises Company, Ltd., were my initial contacts. I also visited Kasetsart University in Bangkok and was briefed on the programs operating in the remote regions. This proved very valuable during my trips to the tribal villages and experimental stations around Chiang Mai province.

The trip to the city of Chiang Mai on an overnight bus was excruciating to the body but otherwise uneventful. With me was Mr. Vikrom's assistant, Mr. Paichit Navakitthawornkul, who knew Chiang Mai well. We arrived at our hotel at about 9:00 a.m. to find half a dozen Narcotics Control Board officials awaiting with orders to take us right after breakfast to visit a village called Maeo Tho, 160 kilometres to the southwest.

The road to Maeo Tho was picturesque. We took the paved Chiang Mai-Lampang highway for 100 hundred kilometres south through a rich plain where rice, tobacco, onion, garlic, potato, lychee and longan are grown. Soon we started to climb up a range moderately covered with assorted native trees and shrubs. At around 800 to 1000 metres above sea level, signs of forest destruction began to appear along the hillside.

A red dirt side road took us further and steeper up into the hills. Two hilltribes settle in this region: the Karen, who prefer to live around the low valleys, growing rice and supplying labor to the Maeo, who prefer the more temperate climate of the highlands,

where they grow cabbage, tomato and some recently introduced crops—not to mention opium, their main winter crop. A great number of Karen laborers, who till the land and harvest the crops for their Maeo landlords, are hooked on opium, encouraged by the Maeo, who find it an effective means of control.

The evidence of slash-and-burn was everywhere. The destruction process takes a few years, during which every tree and shrub is completely burned and the land tilled and smoothed, all by hand, to perfection before planting. Some terracing is done but, unfortunately, in most cases the furrows are made vertically from the top of the hill down, apparently to prevent landslides in heavy rain. This, of course, does not stop the fertile topsoil from being washed away, but it somehow prevents big chunks of soil from sliding down the gully during downpours. Horizontal terracing is being introduced, but it is still far from being accepted by the hill people.

Maeo Tho village (population 800) consists of about 150 thatched-roof houses on a narrow plateau connecting three bald peaks about 1,200 metres above sea level. Most of the houses sit on flattened red earth while some are built on stilts. At the time of our visit (mid-May) the village was engaged in growing cabbages, which found ready market through middlemen who brought big trucks up from either Bangkok or Chiang Mai and who dictated the prices. The villagers may get from five to 25 cents for a kilogram of their cabbage, depending upon the season and the demand from the big cities. At other times the village may grow tomatoes, carrots, or some other temperate crops. According to my guides, opium growing has been much less of a problem in this village in recent years.

Two kilometres up the road, on a gentle slope, sits an experimental orchard run by

The evidence of slash and burn destruction is everywhere.



It takes courage, perseverance and an unrelenting commitment on the part of the government and development personnel to persuade the hill people to replace opium with food crops and animal husbandry.

The Thai highland area forms a vast valuable and productive resource which is essentially untapped. It has great potential as agricultural land, for the development of modern and prosperous communities, and for tourism.

the Thai department of forestry. It has been quite successful in growing Arabica coffee, lychee, peaches, apple pears, loquats, crab apples, and persimmons, but not as successful in getting the tribesmen to grow these themselves. Apparently, the villagers are too impatient and the trees take too long to bear fruit—hence the more ready acceptance of cash crops.

Early the next morning we took off in our official jeep towards Ban Luang and Ang Khang, 150 kilometres north-northeast of Chiang Mai and about 30 kilometres off the paved Chiang Mai-Fahng highway. The rich plain along the highway consists of paddy fields, maize and tobacco farms, lychee and longan orchards. About halfway to Fahng we visited an interesting agricultural school established and run by a group of Japanese missionaries. One of the interesting field research projects at the school is shiitake mushroom cultivation. Shiitake, a very popular Japanese mushroom grown on hardwood logs, sells for \$15 per kilogram fresh and about \$50 per kilogram dry in Chiang Mai, but its cultivation has not been well-promoted by the Thai government for fear of destruction of valuable hardwood. However, climatic conditions in the north are ideal for shiitake growing and the school is attempting to show that you need not destroy the forest to establish this very viable industry. Besides, the slash-and-burn practice is a thousand times more serious a problem.

A side road from Fahng wends its way through paddy and tomato fields where we saw piles of yellow and red tomatoes awaiting trucks from a sauce factory. We were now moving towards a mountain range, and further up the gentle slope was a sea of green lychee orchards, many laden with fruit ready for harvest. The water tower of a small canning factory could be seen on the outskirts of the village of Ban Yaang, which connects the plain and the steep mountains. The enterprising Haw tribe has settled Ban Yaang for many years, keeping orchards or running small businesses. The cannery, the only one in the area, produces canned lychee, tomato ketchup, crude peanut oil, dried papaya and a few other native products for local and export markets.

Leaving Ban Yaang to climb up the steep range to Ban Luang and Ang Khang, we had to pass through a checkpoint where uniformed frontier soldiers with submachine guns stopped us, asked questions and waved us through after seeing the Narcotics Control Board logo on the jeep. Most vehicles passing through would be thoroughly searched for opium, glacial acetic acid (essen-

tial for heroin production), other illicit drugs, and arms. In the recent past, violent resistance from smugglers was not uncommon, but things have improved since the development projects were initiated.

We have finally entered the opium country! A steep and winding track leads to the villages of Ban Luang and Ang Khang which lie about 1,600 metres above sea level, nestled in a long and narrow valley just inside the Burmese border. The soil here is some of the best in the country. Ban Luang, at the southern tip of the valley, is settled by Yao and Yunnanese. The villagers are mainly orchardists, successfully growing peaches, Chinese pears, apples, Japanese apricots, persimmons, and so on. The fruit is generally of low quality compared to that grown in other parts of the world. Peaches, for example, are mainly for pickling or salting and drying. The poor quality and other problems—such as having to rely on pack animals for transportation—limit the main market for these fruits and fruit products to Chiang Mai and the surrounding areas. The quality and some other problems are currently being tackled at the nearby Ang Khang research station by a research team ably led by Professor Pavin Poonsri of Kasetsart University.

Ang Khang at the northern tip of the valley, cradled by Lahu (Black Moosur) villages, is where the Royal Ang Khang Highland Re-

Loading cabbages for market.



search Station is situated. Developed in 1970, it is a multi-structure station administered by the Royal Northern Project, directed by Prince Bhisatej, one of King Bhumipol Adulyadej's cousins. To the west of the station, the high range forming the natural Thai-Burmese border was covered with big native trees and was quite picturesque in the sunset. Low flat hills to the east were practically bare save for native grass, a result of the slash-and-burn or shifting cultivation practiced over the years by the Moosurs, who are still very much opium growers.

According to the local project manager of the department of public health and welfare, Mr. Narong, a good friend of one of our guides from the Narcotics Control Board, the Black Moosurs have been taking the best that both worlds can offer. On the one hand, they are being assisted by the Thai government, which tries to persuade them to give up opium growing for potatoes and some other crops. Those who participate in the program are provided with rice, medicines, fertilizer, potato and other seedstocks, clothing, and even cash in some cases where losses of income due to the change are claimed. On the other hand, many Moosurs who grow potatoes in summer will cross over two mountains towards the border every winter to grow their traditional cash crop, opium.

We returned to the guest houses at Ang Khang late that night to total darkness as the station's electrical generator was shut off at 8:00 p.m. We awoke to a stunningly beautiful valley bathed in soft, cool sunlight. The fresh greenness of grass and trees was accentuated by the bright colors of flowers and shrubs from the ornamental nurseries. The morning dew evaporating in the warming sun formed a touch of light haze. Through it walked tribesmen dressed in black, with narrow white or red stripes around their collars. With small farm implements in hand they made their way single file towards the fields where they work for the station. One can easily fall in love with such a sight when one doesn't have to live there and make a living.

As it is, only young volunteers are willing to work there for any length of time says the station manager, Mr. Narongchai Pipatanawong, himself no more than 26 years old. It is considered highly prestigious to be working in any of the King's projects. Practically everybody in the projects has taken leave from a job to work for His Majesty to help develop the country. They are not paid by the projects but by their regular employers, who are glad to release employees to this higher call of duty.

The work at the station has been very chal-

lenging to Narongchai, who manages its day-to-day operation. This encompasses orchards of peaches, pears, apples, plums, kiwi fruit, grapes, and strawberries; fields of wheat, linseed, potatoes, and various types of flowers and ornamental plants; and small herds of goats, cows and cattle. Experiments indicate that larger-scale cultivation of the crops should be highly profitable and work is underway to deal with the problems of disease and the major logistic difficulties.

The Royal Ang Khang Highland Research Station represents one of the few successful research and development projects in Thailand. The project's aims are very specific and the volunteers want to contribute. They participate because they know they are doing something useful for their society and country. The station can proudly list its accomplishments over the past 15 years. Many could be regarded as keys to the development of the highland regions of Thailand.

Back in Chiang Mai our places of call included the department of food science and technology at Chiang Mai University, which acts as an effective clearing house for the projects' produce and has adequate pilot plant facilities for simple operations. However, more processing facilities and a marketing network are necessary to bridge the gap between the crop replacement program and the potentially large market in cities and towns around Thailand. This is necessary if the hilltribes are to be convinced once and for all that opium is no longer their best crop.

The Thai highland area forms a vast valuable and productive resource which is essentially untapped. It has great potential as agricultural land, for the development of modern and prosperous communities, and for tourism. While helping hilltribes to renounce their association with opium is the foremost concern in highland projects, it is a slow, arduous, and often frustrating process. Perhaps a more direct, cheaper, and quicker approach would be to develop the regions irrespective of the hilltribes—that is by constructing good roads, providing good water sources, power and other amenities, thereby opening up "modern" communities, and then encouraging knowledgeable Thai individuals or businesses to inhabit the region.

Once these parts of the country have been brought into this closer contact with "civilization," not only will opium cultivation become impossible, but the whole region will also become a productive part of the country with large economic and social benefits to contribute to the country as a whole as well as to the hilltribes. ■



The author of this article was born and grew up in the lowland areas of Thailand, where his father was a schoolteacher. Influenced by the rural nature of his community, he enrolled in the University of Agriculture in Bangkok. He went on to further studies in food technology at Massey University, New Zealand and then came to Alberta to earn his PhD. After working in the food industry in New Zealand, Thailand and Malaysia, he returned to the U of A to accept a faculty position and is now an associate professor of food science.

In the Winter 1985 issue, New Trail featured an article describing Dr. Ooraikul's development of an instant baked potato. That new potato product is steadily approaching market readiness, reports the food scientist, who visited the Thai highlands again this past summer.

Myrna Kostash, '65 BA

Author Myrna Kostash describes her latest book, *Just Kidding: Inside the World of Teenage Girls*, which has just been released by McLelland and Stewart, as "an exploration of the lives and times of teenage girls as they live them." In seeking insight into the lives and minds of high school females of the '80s, Ms. Kostash did not go to the educators and psychologists who might be considered the experts—she



Author Kostash.

spoke to almost no adults, she says—rather, she went to the girls themselves, "hanging around" in a variety of situations with 50 girls from Vancouver, Edmonton and Toronto. The result has raised controversy, but Ms. Kostash makes no apology. "Whatever came my way I put into the book," she says.

Best-known for her first book *All of Baba's Children*, Ms. Kostash is a member of a family with strong ties to the U of A. In fact, in the almost 50 years between 1918 when Harry Kostash, '21 BA, '47 BEd, arrived at the University and 1966, when Myrna's sister Janis Mary Kostash, '66 BA, gave the valedictory address for her graduating class, there were but five years when there was not a direct

descendent of Fred and Mary Kostash of Vegreville, Alberta, enrolled at the University of Alberta.

Fred and Mary Kostash emigrated to Canada from Western Ukraine in 1900. Although they had not the benefits of higher education themselves, they encouraged their children to continue on in school, and their eldest son Harry, who later became Alberta's first inspector of schools of Ukrainian descent, was followed at the University by his five brothers: Elias, '30 BSc(Eng); Marshall, '35 BSc(Eng); Ladimer, '34 BA, '48 BEd; and Myrna's father, William, '31 BComm, '41 BEd, '49 MEd.

Myrna's mother is Mary Kostash, '68 BEd, and many of Myrna and Janis's cousins are also University of Alberta graduates. Indeed, the children of some of those cousins have already earned U of A degrees—the third generation of descendants of Fred and Mary Kostash to gain the education those Ukrainian pioneers considered so important.

Stanley Gooch, '64 BA, '66 MA

After completing high school and college in Camrose, Alberta, Stanley Gooch entered the U of A with the intention of earning a law degree. Somewhere along the way, however, he got diverted by other interests and ended up with an MA in history and a career in the foreign service.

A career diplomat, he has served Canada abroad as a third secretary at the embassy in Buenos Aires, as first secretary in Belgrade, and in Vienna as deputy permanent representative to the UN (Vienna) and the International Atomic Energy Agency, which is concerned with such matters as nuclear non-proliferation and design standards for civilian reactors. He has also had

stints in Ottawa, most recently as director of External Affairs' U.S. trans-boundary division.

"I've enjoyed all my postings," says Gooch, who was recently back in Canada with his wife and two teenage sons for a vacation in the cottage country north of Ottawa. But he admits to being particularly enthusiastic about his current position as Canada's ambassador to five nations in Central America. Based in Costa Rica, his mission also has responsibility for Panama and Honduras, as well as the political hot spots of Nicaragua and El Salvador.

Ambassador Gooch enjoys being where the action is and points out the extreme interest Canadians have in Central America—as evidenced by the fact that

differ most markedly, he says.

The ambassador describes the conflicts in Central America as "the Spanish Civil War of the '80s," with reference to the turmoil and the passionate views outsiders hold on both extremes of the conflict. A good portion of the Ambassador's work—particularly in Nicaragua, which he has visited seven times since presenting his credentials there a year ago—involves meeting with and assisting Canadians who have travelled to the region on fact-finding visits.

While pointing out that Canada has a considerable interest in peace that is a common thread uniting its involvement in the five nations in which he serves ("The number one priority which Mr. Clark



Ambassador and Mrs. Gooch at home in Costa Rica.

last year the parliamentary committee on foreign affairs received more briefs on Central America than on any other region of the globe. Serving in Central America is also made special because it is the one area where Canadian and U.S. views

assigned me was to report on developments and prospects for peace and long-term stability in the region.") Ambassador

Gooch stresses the diversity of the various nations, a diversity reflected in his own involvement. In Nicaragua it is largely political issues and aid. El Salvador has the largest refugee quota of any country—a total of more than 1,300 refugee claims were processed through his office last year. In Honduras foreign aid is important—there are about 60 Canadians in that nation providing various forms of assistance. In Panama commercial interests are in the forefront. In Costa Rica, Canada provides aid largely in the form of assistance in housing projects—and, of the five, Costa Rica is the prime “tourist” destination for Canadians, who are attracted by the exotic plant and animal life of the nature reserves.

At the moment, says the ambassador, trade with the countries within his purview is hampered by their debt positions. But he believes the long-term prospects to be better, with improvement sure to follow the introduction of increased stability to the region.

For the would-be-visitor to Central America, the Ambassador offers the following advice: be careful not to enter any areas of conflict (fortunately, these are quite well-defined); learn as much as possible before going; and, most importantly, go with an open mind, prepared to listen to persons of all persuasions and draw conclusions afterwards.

Ambassador Gooch admits that, despite a previous familiarity with the region gained through time spent on the Latin-American desk in Ottawa, his own ideas about issues in the region have “changed a lot—and are still changing.” He says that the more he has learned, the more he has come to realize how complicated the situation is. And how patient and flexible we have to be in searching for solutions.

Alumni Volunteers Needed

Career and Placement

Volunteers with expertise in personnel administration and recruitment are required to assist student placement consultants involved in the promotion of job search skills among their fellow students. As well, the Career and Placement Services office requires volunteers in a variety of related areas.

Alumni Records

Volunteer “detectives” are required to assist in the important task of locating “lost alumni”—graduates for whom the Association no longer has valid addresses.

Stuttering Clinic

The Institute for Stuttering Treatment and Research requires volunteers to take part in interviews and conversations with its clients, both to provide permanent records of the client’s speech before and after treatment and to provide the clients with opportunities to practise their controlled speech.

Audio-Visual Centre

The assistance of volunteers is required in the selecting, ordering and cataloguing of videotapes, audio tapes and other audio-visual materials for the Humanities Audio Visual Centre. Some expertise in literature, drama, art or music would be helpful.

Religious Studies Journal

Assistance would be appreciated in all aspects of the publishing of the campus-based journal *Religious Studies and Theology*. This could include, marketing, advertising sales, and the securing of grants and sponsors, as well as the functions more directly related to the editing and printing of the publication.

Graduates able to provide assistance are encouraged to contact:

Sandra Kereliuk
Office of Alumni Affairs
432-3224

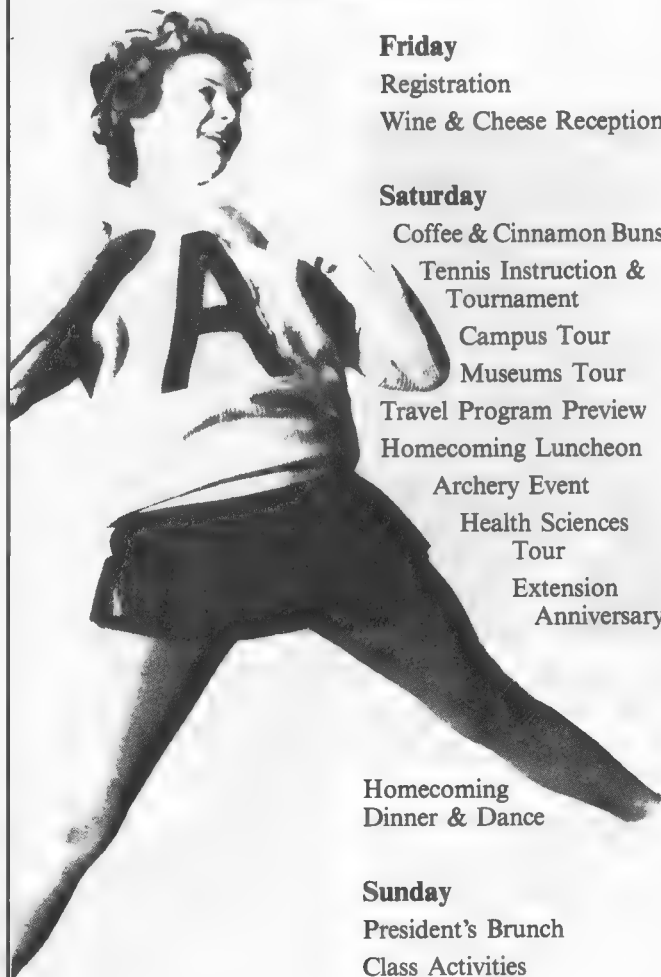


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Taking the University to the People

By Fran DeJong



Roy Sadgrove

Ever since its establishment in 1912, the continuing education arm of the University has had a clear mandate of "carrying the University to the people." It was a mandate that the pioneers of the Department of Extension took to with zeal, employing automobiles, horses, and wagons to carry their precious cargoes of knowledge and experience into the isolated communities of rural Alberta.

"Magic lantern" slide shows travelled (electrical generator in tow) to standing-room-only crowds in rural schoolhouses; Extension art exhibits in tiny hamlets attracted hundreds of visitors and much excitement. And what Albertan growing up in the '20s or '30s could forget the crates of books arriving from the Extension Travelling Library.

Celebrating its 75th birthday this year, the Faculty of Extension has come a long way from the days when it served a predominantly rural population. It has grown through two world wars, a devastating depression and an exciting economic boom to its present status as a faculty serving more than 30,000 learners per year. Along the way, hundreds of thousands of geographically-isolated farmers, war veterans, immigrants, school children, artists, administrators, entrepreneurs and others with a yen to learn have benefitted from the University's outreach.

Although it grew quickly, the Faculty of Extension never lost sight of its original mandate to provide unique and essential learning opportunities to the community. In 1933, when a need for province-wide arts programming was perceived, far-sighted educators solicited a five-year \$50,000 grant from the Carnegie Corporation. From this seed money, the Banff School of Theatre evolved and later became the internationally acclaimed Banff School of Fine Arts. (The school gained autonomy in 1957.) In the

1940s, the department directed resources to supporting the war effort, and the following decade offered the challenge of serving the needs of post-war immigrants and an expanding western population.

Throughout these early years and into the present, the Extension Faculty has maintained its commitment to agricultural continuing education, working with governments, educational institutions and industrial organizations to provide valuable training and information. However, as the past few decades have been characterized by technological advances and increased specialization in every branch of business and industry, the Faculty has expanded its offerings to keep up with the varying needs of the public.

Today the Faculty's 24 programming areas offer a total of 2,000 courses, workshops and seminars each year. Offerings range from spring and summer credit courses to professional certificate programs to general interest courses. In addition, the Faculty of Extension maintains thousands of films, books, periodicals and audio and video materials, made available through Educational Media Services, the Adult Student Centre, the Women's Program Resource Centre and the Legal Resource Centre.

Today's Faculty of Extension participants come from all walks of life, bringing with them a vast array of backgrounds, ideas and interests. Some come to explore new disciplines; others hope to forge new career directions or develop new skills. Some seek a change of venue from their everyday life or look for new friends with similar interests. Whatever their different reasons for re-entering the classroom, they all believe that learning is a lifelong activity.

Dr. Roy Sadgrove enrolled in his first fine arts course at the Faculty of Extension in 1984 after he stopped working full-time. Now a part-time practitioner at an Edmonton walk-in clinic, he divides his time between his evening medical work, his art studio and the jogging trails along the North Saskatchewan River.

In 1979, Dr. Sadgrove moved from Peace River to Edmonton and began ultramarathon running, a sport that involves 50 to 100-kilometre courses and 24-hour runs. In 1983, when he quit full-time work, he turned his energy to another dream. "I had always wanted to paint," he explains. "The latent intention was there just waiting to come out and suddenly I had the time."

In the fall of 1984, he ventured into the world of easels, oil paints and clay in the Extension studios at Corbett Hall. "I felt totally

at home there from the minute I stepped in," he says. That first semester, he took several classes and sampled the various challenges of different art media. Taking advantage of the fine arts program's progressive levels of courses, he continued his artistic pursuits, enrolling in five or six courses each semester for the next few years.

"The programs are well-g geared to some-one of my capabilities and interest," he says. "I could start quite easily at the bottom. At the same time there's no limit to how far you can go with it."

Leaving no artistic challenge unexplored, he worked with oils, acrylics, watercolors, pen and ink, charcoal, clay and more. Figure drawings, flurried sketches, etchings and paintings piled up on his living room floor as he gained confidence and skill. Last August, he and one of his Extension classmates rented a studio in downtown Edmonton, where he works on his sculpture and drawing daily. Although he has cut back on the number of art courses he is taking, Dr. Sadgrove still depends on the feedback and high-calibre instruction he gets from the intensive workshops he does attend.

"Not only do the instructors teach; they encourage you to go on," he says. "There's always that sense of 'you're not finished yet.' That's the mark of any good teacher. I'd recommend this program for anyone—whether they're working full time or not," he continues. "The learning structure isn't rigid and you're going to meet people of a kind. They all want to learn and they're all here for their own enjoyment."

Susan Hunter was working at Blue Quills, an innovative Native high school in St. Paul, Alberta when she first came into contact with the Faculty. It was 1978 and she was helping to establish co-operative post-secondary programs with Alberta universities. "The work I did was quite isolated," says Ms. Hunter. "I latched on to the Faculty of Extension because it was the only professional development opportunity available to me."

Since then, the Edmonton mother of twins has been a familiar face in the courses geared for educators of adults. "I have always selected the courses relevant to what I was doing at the time," she says. "I used to go to a lot of community-oriented workshops (Planning and Implementing Community-Wide Education, The Community and the Adult Educator). The classes were always an affirmation to me. Especially when I was at Blue Quills, I came away with fresh ideas for application and new perspectives."

Since 1979 Ms. Hunter has done contract

work for Athabasca University, filling in as a program co-ordinator and now tutoring three classes. As a result, her main interest lies in adult learning issues and learning styles. She has attended five Extension workshops in this topic area over the past five years. "As a learner, I benefit from group work and experiential learning situations. I need applied and very relevant learning for self-renewal and recharging. If you don't update, you become bored and boring. That's not fair to your students, and it gets you nowhere."

In a class geared to teaching adult educators how to teach adults, the instructor is under added pressure to practice what is preached, and Ms. Hunter has been quite happy with what she has seen over the years. "I appreciate personal expertise; some of these instructors are publishing, researching and teaching in their field. I find it very exciting," she says. "Some of the most rewarding classes are taught by people who are involved in growing and learning themselves. They can't help but pass that excitement on to students."

Nick Andruski may have retired from the Alberta Department of Education a few years ago, but the classroom is still an important part of his life.

Mr. Andruski's teaching career began in a two-room school house. He later worked as the principal of a northern high school, a school inspector in the Edmonton area and an administrator with the provincial department. During those working years, he gained a BEd from the University of Alberta (Class of '49) and an MEd from Oregon State. But his love for learning didn't stop there.

Fresh from his retirement as the director of the Edmonton Regional Office in 1983, Mr. Andruski enrolled in the supervisory development certificate program at the Faculty of Extension purely for interest. He finished the seven-course program in 1985. During the same period he took a home-owner's course and used his new skills to renovate his bathroom and keep his house in good repair. Then in September of last year, he enrolled in the Faculty's French program beginning at the second level and progressing to the fourth in the winter and the intermediate review in the spring. This September, he plans to enroll in level five. Mr. Andruski and his wife of 36 years hope to use his new language proficiency to travel through France for a few months next year.

The retiree-turned-student, who already speaks Russian and his native Ukrainian, is pleased with his progress and says it will



Nick Andruski

The job of the Extension Department is to find out from the people what the University can do for them beyond the classroom and the laboratory

**Henry Marshall Tory
President
University of Alberta
1912**



Audrey Hayward

The Faculty of Extension aspires to become . . . a centre of excellence in linking the University with the community, theory with practice and knowledge with action . . . the most important activity (for the Faculty) in the next year is . . . to anticipate, evaluate and respond to change—in short to continue to build on the Faculty's greatest strength: adaptability.

**Faculty of Extension
Self Study Report
June 1987**

make for some better travel experiences. "Getting to know a country or a culture takes more than just being able to get along," he says. "It's talking to the people and making an effort to share ideas. People are so glad when you try to speak their language, even if you fumble around a lot."

After putting the final touches on his French proficiency this fall, Mr. Andruski plans to begin another Extension program. "I believe retirement isn't getting yourself into a shell; it's a new world to explore. Health permitting I'd like to continue," he says. "At one stage in my retirement, I had five or six consulting projects on the go, but then I wondered why I needed that kind of stress. I needed something different; something I could enjoy. I'm now using my energy to continue to learn."

Audrey Hayward credits the Faculty of Extension's personnel administration certificate program with helping her make the most of her psychology degree from the University of Alberta. Ms. Hayward, who is now a personnel officer with the Edmonton Police Department, graduated with a BA in psychology in 1974. Her first job was with the food services department at Edmonton Northlands. From there she joined the food services staff at the new Edmonton Northlands Coliseum, where she became involved in the hiring of employees. With this experience behind her, Ms. Hayward got a job with Edmonton Power, administering occupational health and safety training programs for the employees. Her career path was beginning to take shape and, in 1977, she began to look for further training in her new field.

"My BA taught me how to think," she says. "But I didn't really have the specific skills I needed for my job; I had to learn to be creative and to think on my feet. That's where a university education can really help you out." To supplement her humanities education, she enrolled in the Faculty's certificate program in personnel administration and took one or two evening classes per year to complete the program in 1981.

"Personnel administration is a complex area. There's a lot of material and many techniques to look at," she says. "The certificate program is very down to earth and presents very practical information in a creative and innovative environment. It gave me those specific skills I needed."

Ms. Hayward still depends on the Faculty to help her face new challenges in her job, which involves employee classification, counselling and training for the department's civilian staff of 200. She periodically

enrolls in short courses dealing with specific personnel issues.

In addition, the physically-active personnel officer looks to the Faculty of Extension for more than work-related training. In the past five years she has enrolled in 16 fitness classes. "With the pressures of my job, the fitness programs are just the kind of stress reduction I need," she says. "The Faculty gives me the level and kinds of courses I can't get anywhere else."

If it were initiative, innovation, a sense of responsibility and a clear vision that fueled Extension's growth through the past 75 years, the Faculty's present dean, Dennis Foth, expects no less in the coming decades. "Educational and cultural needs continue as our society becomes more complex and as each generation succeeds another," says Dr. Foth. "Changes in technology and the development of new knowledge—new ways of looking at age-old problems—continue at a rapid pace. This means continuing educators must be able to respond more quickly than ever before."

Although the Faculty's strength, in part, lies in its ability to react quickly and creatively to needs, Dr. Foth says the Faculty is striving to become more proactive as well. "We have responsibilities at the University, as well as in the province," he says. "We're beginning to look at our own graduates of the University to see what we can actively do for them."

Dr. Foth points to various studies which have shown that today's graduates are likely to go through several career changes in their lifetime. The Faculty is endeavoring to anticipate these needs and provide opportunities for part-time studies in changing career paths. In addition, career counselling for Extension students has been identified as a priority for the Faculty.

But even within career spans, there is a need for continuing professional education. "The application of knowledge in one's profession is very short; we have to help keep our graduates up to date," says Dr. Foth. "This is the responsibility of the University if it's committed to lifelong learning."

In a recent convocation address, Dr. Peter Meekison, the University's vice-president (academic) affirmed that the University is committed. "Learning is a life-long experience," he said. "Accordingly, we must continue to recognize that we have a responsibility for continuing education and to develop innovative programs throughout the University which meet this very real need, whether it be in the professions, humanities, social sciences or sciences." ■

Class Notes

'25

Beatrice G. Parlbey (Buckley), BA, '44 Dip(Ed), who has been actively involved in the betterment of rural life for most of her years, was invested into the Alberta Agriculture Hall of Fame in March of this Year. Her respect for the past, dedication and enthusiasm in worthwhile community enterprises, and preparation for the future were cited in connection with the investiture. Mrs. Parlbey is the resident manager of Dartmoor Ranch, the property near Alix, Alberta that she owns in partnership with her children.

'27

Mabel Chappel (Nix), BA, of Redlands, California, was recently in Edmonton as the guest of **Shizu Kurimoto**, '87 LLD (Honorary), to take part in the ceremonies surrounding Mrs. Kurimoto's receipt of an honorary degree and the dedication of the gate of the Kurimoto Japanese Garden at the University's Devonian Botanic Garden. Mrs. Chappel's late husband, **Nelson Chappel**, '27 BA, '32 BDiv, roomed with Mrs. Kurimoto's husband (also deceased), **Yuichi Kurimoto**, '30 BA, '64 LLD (Honorary), in the mid 1920's in St. Stephen's College. Mrs. Chappel may also be back in Edmonton this year to take part in Homecoming '87 as a member of the Diamond (60-year) Class.

'29

George F. Stanley, BA, '71 LLD (Honorary) one of Canada's most highly respected historians and the lieutenant-governor of the province of New Brunswick, was conferred an honorary degree by New Brunswick's St. Thomas University in May.

'30

Francis Priestley, BA, '32 MA, '73 LLD (Honorary), received an honorary Doctor of Letters degree at the spring convocation of Acadia University in Nova Scotia. A former president of the Humanities Association of Canada, Dr. Priestley is a professor emeritus of English of the University of Toronto.

'34

Louis Rudolph, BSc(Pharm), '36

MSc, who retired from pharmacy in 1967 has also had a career related to photography. In 1979 he sold his interest in the photographic supply business he established in 1938 and became a partner in the Colorfast photo-processing firm, an involvement which he still continues. While he maintains a home in Edmonton, he spends most of the summers at Ma-Me-O Beach, Alberta and the winters in Maui. He keeps active with bird watching, walking and reading, but hopes to get involved in lapidary and computer science as well. **Clarence A. Johnson**, BSc, '36 MSc, retired from Hydrocarbon Research as a senior vice-president and as a private consultant in many parts of the world. Resident in the U.S.A., he spends his summers in Princeton, New Jersey and his winters in Estero, Florida.

'35

Herrick M. Roche, BComm, spent 39 years with the London Life Insurance Company, retiring as regional manager, Calgary and Southern Alberta. Following his London Life retirement he spent some years doing consulting work in Canada and the U.S. and undertaking three assignments in foreign countries with Canadian Executive Services Overseas. He and his wife **Margaret Roche (Gershaw)**, '37 BSc(HEC) spend six months of each year in Palm Desert, California and return to Calgary for the summers. They enjoy golf, gardening and travel.

'37

Paul Gaboury, '36 BComm, of Alamo, California, retired from his own wholesale lumber business four years ago. He lists his assets as "four kids, two Rhodesian Ridgebacks, 24 fruit trees," and keeps busy with a variety of activities: "Play golf and hockey weekly, more like weakly, ski Squaw, square dance with wife, a caller, and round dance the other three nights a week."

'43

A. Ben King, MD, writes that he was pleasantly surprised to see his late brother Clem (killed in an aircraft tragedy over B.C. in 1965) as one of the group on the

cover of the Summer '87 *New Trail*. Ben recently retired from his medical practice and moved from Edmonton to Surrey, B.C., where he is enjoying walking on the beach, boating and gourmet cooking for his wife of 42 years. **William L. Irvine**, BSc, of Carleton Place, Ontario gives a rather concise report of what he is doing now: "Not much! Just getting older—worse luck!"

'44

Norman F. Putnam, BSc(Ag), '46 MSc, is now retired and living in Victoria, B.C.

'45

William B. Jackson, BSc(Eng), recently returned to Calgary after four years spent in Dar es Salaam, Tanzania working on the Tanzania Railway

Corporation Project. **Myrtle I. Macdonald**, BSc(Nu), '44 Dip(Nu), is now a community nursing consultant associated with the United Christian Hospital in Lahore, Pakistan. She is involved in a two-year project, working in the urban slum areas.

'48

Steele C. Brewerton, MD, '45 From February 1982 until March 1987 he served as president of the Graham Concert Association—the longest tenure of any president in the history of that association which was formed in 1944. He has served the Graham General Hospital on its board and as its chief of staff in 1982-83, and is currently a member of the Texas Medical Association committee on maternal and child health.

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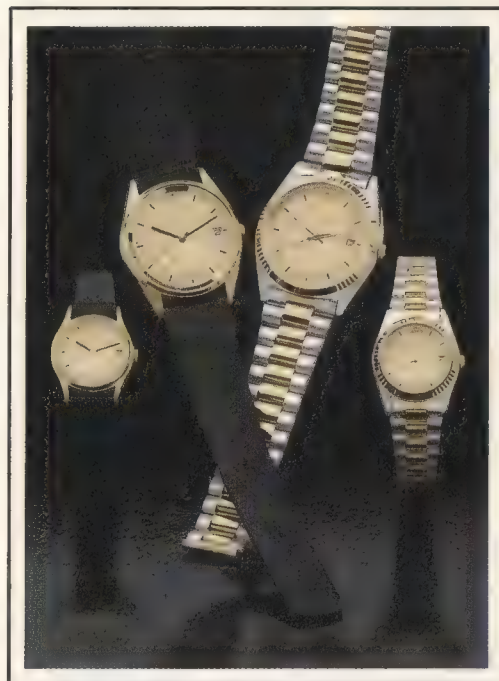


Illustration reduced. Actual diameters of watches are as follows: men's watches 1 5/8" and ladies' watches 1 1/8".

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'50

Allan G. Norem, BSc(Eng), recently retired from his position as director of the vehicle integrity subdivision of The Aerospace Corporation. A highlight of his career was receiving the Space Environment Award from the Institute of Environmental Sciences for his development of loads, vibration and other design and test criteria for all USAF spacecraft. **William Yurko, BSc(Eng)** has been appointed chairman of the Alberta Oil Sands Technology and Research Authority.

'52

Murray M. Page, LLB, '51 BA, who is now retired, lives in Innisfail, Alberta.

'54

Dorothy MacQuisten (Ranche), BSc(Pharm), continues to practice neighborhood pharmacy in Edmonton.

'55

Victor Hay-Roe, MD, '53 BSc, is

currently chief of plastic surgery at The Honolulu Medical Group, a position he has held since 1966. For the past five years he has been the chairman of the board of The Honolulu Medical Group and is also president of the Hawaii Plastic Surgery Society for 1986-87. In addition he serves as secretary-treasurer of the Northwest Society of Plastic Surgeons and assistant chief of surgery at Queen's Medical Center.

'56

Leonard F. Maier, BSc(Eng), the former president of Halliburton Services Limited of Canada, has been placed in charge of all non-U.S. operations of Halliburton Services and its international affiliates. In this post he is responsible for Halliburton's oil field operations in some 60 countries around the world.

'58

Gerald Colborne, MSc, '51 BSc, is chairman, president and chief executive officer of Colray Resources, a firm which is

actively exploring for precious metals in the Northwest Territories, Saskatchewan and Ontario. Headquartered in Saskatoon, Saskatchewan, it now trades on the Alberta and Toronto Stock Exchanges.

William N. Turner, BSc(Eng), has been appointed vice-president, government affairs by Suncor Inc. **Oluf L. Gamborg, MSc, '56 BSc(Ag)**, is associate director of the Tissue Culture for Crops Project of the Colorado State University in Fort Collins. The project is sponsored by USAID and involves collaboration with South Asian and African countries to apply biotechnology to food crops. **Donald Thurston, BSc(Eng)** has joined the Calgary investment counselling firm of Mawer and Associates as a portfolio manager.

'59

J. Richard Maze, BSc(Eng), was recently appointed president, western region by the Lafarge Corporation. In this position he is responsible for operations in western North America for

Lafarge, which operates cement and concrete plants throughout Canada and the U.S.A. through its subsidiaries Canada Cement Lafarge and General Portland Inc.

'60

Cyril Sapiro, BA, is practicing as a trustee in bankruptcy in Toronto. He describes his field as the "only growth industry in Canada," and admits to recently publishing an article on bankruptcy humor.

'61

Corinee McPhee (Greschuk), BSc(Hec), after 14 years in Rochester, Minnesota, has moved to Scottsdale, Arizona, where her husband heads the physical medicine department at the new Mayo-Scottsdale Clinic which opened in June. **Dale Lucas, BSc(Eng)**, is head of the Alberta Petroleum Marketing Commission.

'62

Gary Campbell, LLB, '59 BComm, was appointed

Lister Memorial Scholarship

Judge E.R. Wachowich, Jean Mucha, Frank Kozar, the family of the late Reg Lister, and the others involved in the establishment of the Reg Lister Memorial Scholarship wish to thank all who have contributed to the Scholarship Fund.

Donations are still being accepted. Anyone interested in continuing the memory of Reg Lister and promoting the qualities he exemplified and held dear is invited to forward a donation to the

Lister Memorial Scholarship Development Office
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Receipts for income tax purposes will be issued. Please make cheques payable to

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chairman of the company formed when the Alberta government took over and merged the financially-troubled North West Trust and Heritage Savings and Trust firms earlier this year. He looks forward to the new North West Trust Company playing a role in the "forthcoming economic recovery and resurgence of western Canada."

Robert G. McArthur, MD, is the new head of the pediatrics department at the University of Calgary Faculty of Medicine. A professor at the U of C since 1969, he has also been named chief of medical staff and director of pediatrics at Alberta Children's Hospital.

'65

Johanna Elbertse, BSc(Pharm) went to California after graduation and obtained her Doctor of Pharmacy degree from USC in 1967. She entered law school in 1984 after a back injury prevented further employment as a pharmacist and has now graduated and passed the California Bar examination on

her first try.

Derek Truswell, BComm, has been appointed vice-president and controller by Interprovincial Pipe Line Limited.

'66

Harvie Andre, PhD, '62 BSc(Eng), was named to head Canada Post by Prime Minister Brian Mulroney earlier this year. **Eric Hayne, BComm**, is senior executive, marketing for Capital City Savings of Edmonton. **Winnifred Bradbury, BEd**, has retired from teaching in Alberta and is spending a year in Brussels, Belgium as a volunteer teacher (self-supporting) with the International Correspondence Institute.

'68

Gordon J. Oaks, BDiv, '63 BA, and his wife **Esther Anne Oaks (Williams), BEd, '86 MEd**, are now resident in Edmonton, where he became the senior minister at St. Paul's United Church in the summer of 1986 following a year (1984-85) spent on an exchange to Australia. Esther teaches at Delton Elementary School. **Dale R. Moore, BSc(Eng)** is the newly-appointed vice president of process instrumentation for Calgary-based Spartan Controls Ltd.

Darcy Duncan, BComm, joined the City of Toronto's purchasing and supply department as director of administration 13 years ago. Now Toronto's commissioner of purchasing and supply, he is responsible for a department that issues contracts worth \$50 million per year and employees 240 people.

Ewald Roesler, BSc(Eng), has been appointed assistant vice-president, regulatory and intercarrier affairs by Alberta Government Telephones.

John A. Howard, BSc(Eng), who has been active in the Canadian oil and gas industry for 20 years and is a former chairman of the Independent Petroleum Association of Canada, has been appointed president and chief executive officer of Novalta Resources Ltd.

'69

Keith Mann, BEd, has been presented the National Music Award in recognition of his outstanding contribution to the development of Canadian band music. The initiator of the

National Youth Band of Canada and the founding editor of the *Canadian Band Journal*, he is currently musical director for Canadian Youth on Tour.

George R. Wesko, BSc(Eng) has been named the new engineering commissioner of the Regional Municipality of Haldimand-Norfolk in Ontario. **Donald Currie, MSc, '58 BSc**, has served as managing director of the Alberta Chamber of Resources since 1985. **Michael Casey, BComm**, has been elected president of the Canadian Bar Association, Alberta Branch. He is a partner in the 30-lawyer firm of Atkinson McMahon in Calgary.

'70

Donald P. Corrigan, MSc, '64 BSc(Eng), who has worked as city engineer for the City of St. Albert, Alberta since 1975, was recently named that municipality's city manager. **John Newton, BEd**, returned to his native Australia in 1972 and

is now retired from teaching, having spent his final eight years in the profession in Central Australia, where he worked with Aboriginal people who were under severe stress at the time.

Warren Dukes, MSc, has been lecturing at the University of Otago in New Zealand for 13 years. He writes that his research interests centre around water safety, especially relating to cold water—"Brass monkey stuff!"

George H. Bevan, PhD, has retired from his position as director of student evaluation with Alberta Education and with his wife has established an educational consulting firm.

Karen B. Christie, BA, is teaching English to native college students in Arba Minch, Ethiopia.

Gerald R. Fawcett, BSc, '72 BA, after a 13-year career as an executive with the Hudson's Bay Company in Edmonton and Vancouver has returned to university and completed the

In Memoriam

The Alumni Association extends its condolences to the families and friends of the following:

Edward William Phillips
'22 BSc(Ag) 1987

John Rovers
'24 Dip(Pharm) June 1987

James Caven Mahaffy
'25 LLB

Horatio Henry Lovat Dickson
'27 BA, '29 MA, '69 LLB (Honorary) January 1987

John Watson Murray
Rothney

'30 BA June 1987

Eric George Johnson

'34 BA May 1987

Frederick Ure Brown

'36 Dip(Pharm) April 1987

Roberta Mary Layton

(Collins)

'37 BA June 1987/Edmonton

Emma Catherine Frost

'39 BA, '46 MBA February

1987/Calgary

James Edward Hall

'40 BSc(Ag) December 1986

Richard Llewelyn Davies

'42 BSc(Eng) October 1986

Molly Evangeline Acheson

(Hughes)

'44 BA May 1987/Victoria

Jessia Gramacci (Allan)

'44 Dip(Nu) May

1987/Edmonton

Reed Livingstone Shields

'46 BEd May 1986

John Francis Graham

'47 BSc(Eng) May 1987/Corona

Del Mar, California

Donald Nason Adamson

'49 BSc, '51 MD June 1987

John Arthur Love

'49 BEd April 1987/Calgary

Edward Roy Cutlan

'50 BSc(Eng) 1987/Kelowna,

British Columbia

Irwin Stewart Young

'51 BSc(Ag) March 1987

Ethel Iliene Lazoruk (Metz)

'56 BEd, '73 MEd April

1987/Spirit River, Alberta

Walter Joseph Stefaniuk

'59 BSc(Eng) 1987/Edmonton

Richard William Mallen

'59 MD June 1987/Calgary

Kenneth Gordon Young

'62 BA, '63 BComm May

1987/Vancouver, British

Columbia

Jitendra Nath Khullar

'63 BEd April 1987

Gordon Kenneth Greaves

'64 BEd, '68 Dip(Ed) June

1986/Edmonton

Stanley James Ruzetsky

'72 Dip(Ed) December

1986/Calgary

Alexander John Ritter

'76 BSc December 1986

Karen Mae Ranger (Ledene)

'79 BEd June

1987/Lloydminster, Alberta

Janet Johnstone Jellard

'82 BA June 1987

first of two years toward an MLS degree at the UBC School of Library, Archival and Information Studies. He writes that he had some initial doubts about returning to school but is now glad that he pursued his dream.

Kenneth J. Simpson, MSc, '66 BSc(Eng), is senior vice-president for systems development and operation with the Alberta Special Waste Management Corporation.

John Pelletier, BA, is legal counsel for Telefilm Canada in Toronto.

'71

Donald L. Hickey, BSc(Eng), is the managing principal of the new Chicago office of Flack & Kurtz, a U.S. mechanical and electrical engineering consulting firm with more than 300 employees in offices in Chicago, New York, Denver and San Francisco.

Ivan Tomek, PhD, teaches at the Jodrey School of Computer Science, Acadia University, Wolfville, Nova Scotia. He has recently published a book, *Z80 Assembly Language Programming*, which teaches assembly language programming systematically in a rigorous way suitable for computer professionals.

Gordon Bertie, BSc, '72 Dip(Ed), '73 BEd, was recently inducted into the Canadian Wrestling Hall of Fame by the Canadian Amateur Wrestling Association. Now an Edmonton realtor, during his wrestling career he won 10 Canadian national titles, competed and placed sixth in the 1972 Munich Olympics, won a silver medal in the Commonwealth Games, and earned gold and silver medals in the World Cup of Wrestling.

'72

Lee Whidden, BSc(Ag) is general manager of Hi-Grade Feeders Inc. at Hardisty, Alberta. Married and the father of three sons, he also owns a cattle and grain farm in partnership with his brother. **Roger Andrew**, BSc, and **Lenore Andrew (Crockett)**, '73 BSc, are living in their native Prince Edward Island. Roger, who grew up on a P.E.I. dairy farm, practices veterinary medicine through the Montague Veterinary Clinic.

Alan B. Reid, PhD, after five years as the chief geophysicist of

the Tsumeb Corporation of Namibia, has joined Robertson Research, the international earth sciences consultants. He will be based at their head office in North Wales, U.K.

Lawrence McCann, PhD, '69 MA, has accepted an appointment to the Edgar and Dorothy Davidson Chair in Canadian Studies at Mount Allison University in New Brunswick. He will also serve as director of Mount Allison's Centre for Canadian Studies.

'73

Jessie M. Chisholm, MA, is one of the initial candidates for the recently-authorized PhD program in Newfoundland history at Memorial University of Newfoundland. Named an Albert George Patcher Scholar earlier this year, she is studying the behavior and conditions of the St. John's working class from 1890 to the First World War.

Obi N. Chukwukere, BEd, '71 Dip(Ed), was named the area inspector of education for Abuja Municipal Local Government in Nigeria in January. It is a bigger responsibility than he previously had, he reports. "Mine is a busy office with many people coming from Lagos."

'74

Robert J. Huber, BSc(Eng), and **Joyce M. Huber**, '76 BEd, are now resident in Sumatra, Indonesia. Robert is currently civil engineering manager of a project with IAL. Joyce is teaching conversational English at Lampung University.

Alexandra Chernenko-Rudnytsky, MA, graduated *Summa Cum Laude* from the Free Ukrainian University of Munich, West Germany in August 1986. Her PhD dissertation was entitled *Expressionism in the Works of Vasyl Stefanyk* and has been accepted for publication as a book by Suchasnist Publishing House (New York, Munich). During the 1987 summer session she taught a course entitled "Empressions and Expressions in Ukrainian Prose."

Reg C. Wilkes, BA, has been employed by Alberta Social Services since graduation and is now regional vocational rehabilitation consultant with the community resource management unit in Social Service's Edmonton region.

Virginia Cathcart (Flook), Dip(Dental Hygiene), is the full-time instructor co-ordinator of senior dental hygiene students at the downtown campus of Vancouver Community College. Having earned a diploma in adult education through evening courses, she now plans to work towards a master's degree in education in the same way.

Geoffrey Hoy, BSc, now works in Toronto, where he is vice-president corporate banking for Midland Bank Canada.

Sheila Brown, PhD, '71 MA, has been appointed vice-president (academic) at Mount Allison University, Sackville, New Brunswick. She was previously dean of the Faculty of Human Ecology at the University of Manitoba.

'75

Laura Wershler, BSc(Speech), serves as president of the Calgary Birth Control Association.

Rod Haarstad, BSc, '80 BComm, and **Diane Haarstad (Sommer)**, '76 BSc(HEc), '84 MBA, live in Vancouver, B.C., where Diane is a financial analyst with Canada Post, and Rod is a tax advisor with Cominco.

Robert de Frece, BEd, '69 BSc, '71 Dip(Ed), teaches in the department of elementary education at the U of A.

Colleen Clarke, BA(RecAdmin), is living in Toronto, near downtown, and enjoying all that the city has to offer. As national marketing manager for Encyclopedia Britannica she develops that company's shopping centre and direct mail promotions. "Would like to hear from U of A grads from home," she writes.

Frances Browne (Smith), BPE, and **J. Edward Browne**, '76 BA(RecAdmin), now reside in Regina, where Ed is dean of married students and athletic director at Canadian Bible College. Fran is enjoying being the mother of four children.

Patricia Moore Juzwishin, BSc(HEc), '76 Dip(Ed), is the secretary of the Victoria, B.C. branch of the U of A Alumni Association. Active in local affairs, she is the mother of three daughters.

'76

James P. Heron, MBA, '70 BComm, has been named the public member of the governing

council of the Alberta Land Surveyors' Association. Elected the MLA for the Stony Plain, Alberta constituency in 1986, he was previously president of Native Venture Capital Co. Ltd. **Glenn M. Stowkowy**, BSc(Eng) is now senior design engineer for Morgan, Dowhan Engineering of Edmonton.

'77

Demjan Hohol, BA, '82 MA, and his wife currently reside in Bonnyville, Alberta, where he is a priest of the Ukrainian Orthodox Church of Canada. He



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received his Bachelor of Theology degree from St. Andrew's College, University of Manitoba in 1983.

Thomas A. Speakman, BSc, who holds an MSc degree from Simon Fraser University in B.C., recently received a Natural Science and Engineering Research Council post graduate scholarship to continue his studies in computing science at Simon Fraser.

Cecil Abrahams, PhD, formerly a professor of English at Bishop's University in Quebec, is moving to Ontario to become dean of arts at Brock University. An outspoken critic of apartheid in his native South Africa and a member of the African National Congress, he is often heard discussing South Africa on Canadian radio and television.

'78

Wilfred Backhaus, LLB, has his own law firm in Camrose, Alberta and travels weekly to branch offices in the nearby communities of Forestburg and Daysland. He is also a Camrose Separate School Board trustee. **Roger Lore**, BSc(Ag), is a

commercial real estate property manager in Edmonton.

Carol Starrak (MacQuisten), BA, now lives in Langley, B.C., where her husband is a veterinarian specializing in standardbred horses. She keeps busy at home looking after their son and the racehorse they own.

'79

Robin Walker, MSc, '69 BSc, and **Joanne Walker**, '75 BA, have moved to Barrhead, Alberta. There, Robin, who recently received his Master of Divinity degree from Emmanuel and St. Chad College in Saskatoon and was ordained deacon, has taken up the pastoral charge of the Anglican congregations of Barrhead and Lac la Nonne. After three years of supporting her family, Joanne is looking forward to having more time for her own interests. **Herme J. Moshia**, PhD, associate professor of educational administration at the University of Dar es Salaam in Tanzania, recently completed a year's sabbatical—eight months at the U of A, two months with UNESCO, and two months at

SIDA in Sweden. He serves as a consultant to African universities on improving university teaching and learning and is assisting the Tanzanian government in developing a second five-year development plan.

Dean A. Chiasson, MD, '77 BMS, is currently medical director of the Beach Area Community Health Centre in San Diego, California, a private non-profit medical clinic. He also serves as a guest lecturer in the department of health sciences at San Diego State University and sits on the San Diego County regional task force on AIDS.

Judith I. Adams, BA, has worked for the past six years in the planning department for the Municipality of Surrey—a very fast growing suburb of Vancouver, B.C.—and has marriage plans for September.

Janice G. Rennie, BComm, has been promoted to vice-president and treasurer of Princeton Developments Ltd.

'80

Donald Juzwishin, MHSA, '77

BA, has been named contributing editor of the Methuen publication *Canadian Health Care Management* and is the assistant executive director at the Royal Jubilee Hospital, Victoria, B.C.

Murray Staden, BSc(Eng), and **Kerri Ramsay Staden**, BComm, have recently returned from two years of working in Aberdeen, Scotland and are now residing in Calgary.

Mwene Mwinga, MBA, '79 BComm, is managing director of the Zambia State Insurance Corporation Ltd.

Stephen T. K. Chow, BSc(Eng), and his wife recently moved into a new home in a suburb of Ottawa. He is now manager of the project engineering firm he has been working for.

Alan B. Wilson, BComm, is the new EFP accountant for Union Carbide in Red Deer, Alberta.

'81

Raymond Hawrelak, BComm, has been promoted to comptroller by Princeton Developments Ltd. of Edmonton.

Adam Grosser, BSc(Eng), is "very happily married" and living in Cambridge, Ontario with his wife and young daughter. A professional engineer and certified manufacturing engineer, he was recently promoted to full marketing representative in charge of all CAD/CAM applications in southwest Ontario for Prime Computer of Canada Ltd.

William D. Hallett, PhD, has moved from his position as chief executive officer of the Peterborough, Ontario Family YMCA to become the vice-president and general manager of the YMCA in Mississauga, Ontario.

David Zimmer, BComm, was recently welcomed into partnership in the Edmonton chartered accounting firm Sax, Zimmer, Stewart and Company.

Hedy Mayes (Thiessen), BSc(Pharm) was married in June 1986. Earlier this year, expecting their first child, she and her husband bought a house and moved to Calgary, where she found employment as a retail pharmacist.

Craig Broddy, BA(RecAdmin), spent five years with the City of Fort Saskatchewan, Alberta as a recreation programmer before moving to Coppermine, N.W.T. to become co-ordinator of recreation services for a

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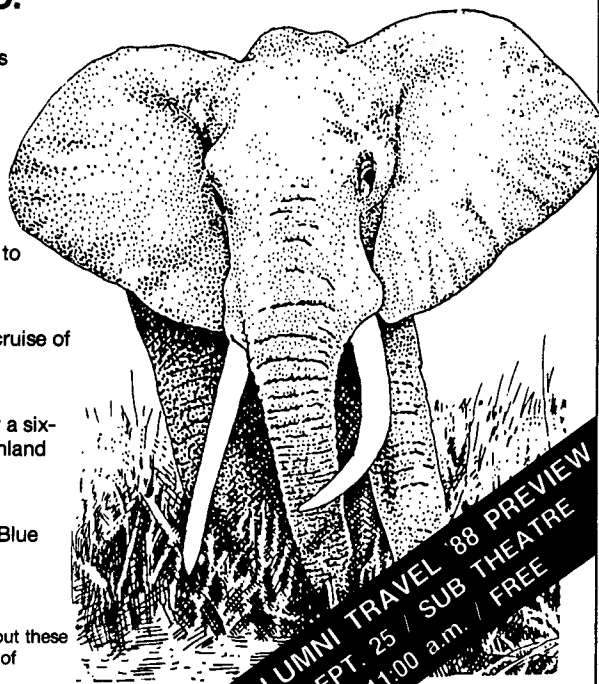
Thailand, Nepal, and Hong Kong A journey to faraway places with exotic names.
April, 1988 (17 days)

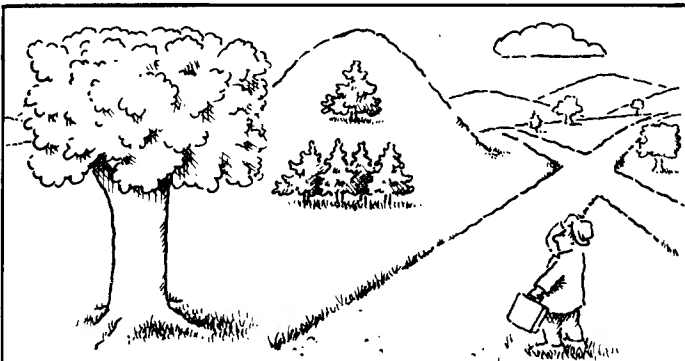
China Yangtze River Adventure Includes a cruise of the legendary Yangtze River Gorges.
May 1988 (18 days)

Dutch Waterways Adventure Highlighted by a six-night cruise on Holland's canals, rivers and inland sea.
June 1988 (14 days)

The Danube Passage A cruise of the entire Blue Danube and a night on the Black Sea.
September 1988 (12 days)

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Keynote Address: The Right Honourable Joe Clark

Minister of External Affairs

Walter Kaasa Theatre, Jubilee Auditorium

3:30 p.m.

Cake-cutting ceremony, Corbett Hall front lawn

Fund Supports Special Projects

The University/Community Special Projects Fund was established in 1980 to support projects of special significance to the University or its region of Canada.

Within this context grants are primarily intended to support projects such as the purchase of works of art or items of special geographic or subject interest, the funding of publications, the conservation of important collections in the University, and special exhibitions or other projects to increase public awareness of the University.

A wide variety of projects have been supported in the past. These include the publication of *The Sunfield Painter—Reminiscences of John Davenall Turner* by the University of Alberta Press, the restoration of historical street names in the Garneau community, and publicity for the 1986 Graduate Student Research Symposium. In addition, the Fund regularly supports the enhancement programs of the Ring House Gallery and the display of material from the University of Alberta Archives.

The Fund welcomes grant applications from the community-at-large as well as the University. To be eligible for support, projects must be either of a capital nature or limited to a two-year operating period. Preference is given to projects and activities that cannot, in practice, be funded by other means.

Application forms or further information about the Fund can be obtained from:

Eva Cherniavsky
University/Community Special
Projects Fund
3-13 University Hall
University of Alberta
Edmonton T6G 2J9
(432-4588/2796)

two-year term ending in April 1989.

Catherine Adams, BSc, is manager of computer based education services for the industry-oriented Nova Scotia CAD/CAM Computer Centre at the Technical University of Nova Scotia.

Monica Ruff-Been, BSc(HEC), is working for the Red Cross in Cincinnati, Ohio.

Larry Antonuk, PhD, after nearly six years in Switzerland and France returned to Edmonton with his young family in the fall of 1986. He was in Edmonton long enough to finish off a project in his field of nuclear physics and has now left for the University of Michigan, where he will be engaged in research in medical physics.

Erik Van Drunen, BPE, '86 BEd, is teaching junior high school physical education and French in Sherwood Park, Alberta. Married with two children, he is the race director for the Kids of Steel Triathlon in the Edmonton area.

'82

Robert Ashford, MD, '80 BMS, reports that he has finished fellowship exams in diagnostic radiology. "Now going to work for a while."

David Volek, BSc(Eng), has formed a company named The Evaluators to perform on-site drill stem test analysis for oil companies. He writes that the company has fared reasonably well and business is expected to get better in the years ahead.

Cynthia Ryan, MLS, is leaving Yellowknife, N.W.T., where she has been government librarian, and is beginning law school at Queen's University in Ontario.

Marilyn Lanz, BEd, lives in Strathmore, Alberta, where she has taught grade four and music since graduation.

Brian Luhoway, BA, works as an addictions counsellor for the Alberta Alcohol and Drug Abuse Commission.

Julie Sanderson (Starling), BEd, has been married for more than three years and lives in Standard, Alberta, where she teaches elementary school.

Jean I. Cumming, BComm, has accepted a position with Arthur Young Chartered Accountants in Melbourne, Australia.

Ghulam Sarwar, MSc, is now working towards a PhD degree in agricultural engineering at Texas A&M University.

Wynne Rolfe, BComm, who

works for Indian Affairs in an area related to the payment of oil royalties to Alberta Indians, took maternity leave following the birth of her first child in May.

Terrance D. Freeman, BComm, was recently admitted to partnership in the Edmonton firm Sax, Zimmer, Stewart and Company, Chartered Accountants.

'83

Sharon Matthias, MBA, '70 MSc, was recently appointed executive director, management support services with Alberta Community and Occupational Health.

'84

Donna R. Wynn, BA, is senior management consultant for the management services branch of the corporate development division of the Alberta department of hospitals and medical care.

Wendy Daynes-Hare, BEd, and **David Jerry Hare**, BEd, are teaching at Grande Cache, Alberta and enjoying the mountains and skiing. Wendy, an elementary school teacher, would like to say "Hi!" to her many friends.

Robert P. O'Shaughnessy, MBA, moved to Calgary as regional manager, Western Canada for TransAlta Energy Systems.

Scott M. Burns, BSc, graduated from Arizona State University with an MBA in 1986 and then started work with Burnco Rock Products Ltd.—becoming the fourth generation of Burns to go to work for this family-owned, Alberta-based company.

Ronald Tsui, BEd, '82 BSc, after two years of teaching in Ontario, moved to California, where he found a teaching position in San Diego.

Lubomyr Luciuk, PhD, and **Bohdan Kordan**, formerly of the Canadian Institute of Ukrainian Studies, have recently had *Anglo-American Perspectives on the Ukrainian Question 1938-1951: A Documentary Collection* published by the Limestone Press in Canadian, U.S. And U.K. editions. They are now completing a historical atlas dealing with Ukrainians in Canada at the geography department of the University of Toronto.

Martin Kratz, LLB, '81 BSc, manages the advanced

technology law department for Ogilvie and Company in Edmonton and lectures throughout Europe, the U.S.A. and Canada on issues of technology and law. The chair and organizer of a course in computer law for the Legal Education Society of Alberta, he is teaching "Intellectual Property Law" at the U of A this fall.

'85

John Oplanich, BA, is employed as a medical representative for Nordic Laboratories, which he describes as "the fastest-growing pharmaceutical company in Canada in 1986 and leading the pack in 1987."

Keith Hart, MLS has been busy recently: he has just completed the *Encyclopedia of the history of horticulture of the Canadian*

Prairies, soon to be published; he is co-author of a bibliographic article on the history of aviation, also scheduled for print soon; he is part-time editor and contributor to the *Alberta Junior Farm Annual* and the *Alberta Oil & Conservation Directory*; he established the library and archives at the Alberta Tree Nursery and Horticultural Centre; he has been named honorary fire chief of the Canadian Corps of (Overseas) Firefighters—a voluntary firefighting unit which served in the Second World War; and he has been working at the U of A department of agricultural engineering since April.

Sherri L. Hayden, BA, is attending the Miami Institute of Psychology to obtain a PhD.

Nihal Maligaspe, BSc(Nu), is in-patient care co-ordinator of psychiatry at Penticton Regional Hospital—"enjoying the long, hot summers and the new addition to the family (it's a boy!)."

Kenneth Feist, BSc(Eng), was recently transferred from Texaco Canada Resources' field operations at Bonnie Glen (near Pigeon Lake, Alberta) to the company's Calgary office, where he works in the gas engineering department.

Brad Pacholzok, BComm, is a branch manager for Aviscar Leasing in Vancouver, B.C.

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Malcolm Ramsay, PhD, after a year's post-doctoral fellowship in Winnipeg, has accepted a faculty position in the department of biology at the

University of Saskatchewan. His research interest is the behavior of narwhal in the eastern Canadian Arctic.

Robert M. Decker, MSc, is employed by Esso Resources Canada Ltd. as a reservoir engineer in their production department in Calgary.

Tim Woolley, BSc(Ag), who had wedding plans for July, works as a grain merchant for Cargill in Vancouver.

Gordon Halwa, BA, is enrolled in an MBA program at the University of Western Ontario.

Lance A. Hymers, BA, graduated from the Royal Canadian Mounted Police Academy in Regina in January and has been posted to the drug section of the detachment in Niagara Falls, Ontario as a plainclothes officer.

Kathryn Kunz, BA, returned to school in the BEd after degree program at the U of A.

Glen R. Van Brummelen, BSc, is continuing his mathematics studies at Simon Fraser University in B.C. with the help of an \$11,600 two-year post-graduate scholarship from the Natural Sciences Engineering Research Council.

Robert Markowski, BComm, lives in Thunder Bay, Ontario and is a loans officer with the Federal Development Bank.

Ravi Vinayak, PhD, works at the Nucleic Acid Research Institute, ICN Pharmaceuticals in Costa Mesa, California.

Dipak K. Ghosh, PhD, is a postdoctoral research fellow in the U of A department of geology.

Investing In Our Future

This fall, Canadian universities will mount a nation-wide program to show why investing in higher education makes good sense. During National Universities' Week, October 24 to November 1, the 83 members of the Association of Universities and Colleges of Canada will be inviting the public to open houses, lectures, exhibits and other special events in an effort to underscore the importance of higher education to community, regional and national development.

Kenneth L. Ozmon, president of Saint Mary's University and co-chair of the program's organizing committee, explains the reason behind the week. "Universities are an important part of the day-to-day lives of all Canadians," said Ozmon. "We may not always see the connection between the work going on in our universities and our own well being—as individuals and as a society. This program is simply a means of helping people make those connections.

The week is a co-operative effort of national, regional and provincial university associations, national faculty



and student organizations and the Public Affairs Council on Education.

In addition to special events planned for individual campuses, a series of nation-wide initiatives are being undertaken around the theme "Investing in our future." These include television and radio public service announcements, special supplements to major news publications and a program of public speaking engagements by university presidents.



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